



Short Catalog 2005/2006



INPROX SENSORS CORPORATION is a leading manufacturer of high quality performance sensors. We offer a broad line of sensors including Inductive, Photo Electric, Area, Capacitive, Fiber Optic, Laser, Ultrasonic, UV-Luminescence and many other sensing solutions.

INPROX represents the next generation of sensor manufacturers by combining the highest standards of quality, performance and service for all of our customers.

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TABLE OF CONTENTS	1
INDUCTIVE PROXIMITY	
M3 - 3MM M4 - 4MM M5 - 5MM M6.5 - 6.5MM M8 - 8MM	2
M12 - 12MM M14 - 14MM M16 - 16MM	3
M18 - 18MM	4
M28 - 28MM M30 - 30MM	5
M35 - 35MM M45 - 45MM M5X5 MA - 28x16x10MM MY - 40x25 & 50x30	6
MT - 40x25x12MM M80 - 80x40MM FL - 100x60MM 5WAY FORK C12 - 12MM	7
CAPACITIVE ULTRAVIOLET ULTRASONIC	
C12 - 12MM C18 - 18MM C30 - 30MM C34 - 34MM UV8 - 18MM UV30 - 30MM U9 - 18MM	8
ULTRASONIC WEB GUIDE GLOSS SERIAL OPTIC	
UV9 - 30MM U3 - 30MM UC - 30x20x12MM PF - 050MM GL 015 - GLOSS P30 SERIAL DATA	9
VISIBLE RED INFRARED HARSH DUTY	
PC - MICRO LINE PM - MINI LINE PS -MAIN LINE P18 - TOUGH STOCK	10
TEACH IN LASER PHOTO ELECTRIC LONG DISTANCE	
P12 - LEARN LINE L18 - PL LASER P18 - PAC LINE P30 PTCH - LONG SHOT	11
AREA SENSORS FIBER OPTICS CABLES	
AREA 4 AREA 10 AREA 12 PFX - FIBER CONTROLLER CABLES	12

INPROX SENSORS CORPORATION

M3 3mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES	MATERIALS	TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM		
3 Wire DC 10-30VDC Miniature Stainless Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		Shielded .6mm	Unshielded 1mm	Housing Stainless	IP IP67	Operating Temperature -25--+70C	Load Current <100mA	Series X03DS3	Frequency 2KHz	Specs X03.1

M4 4mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES	MATERIALS	TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM		
3 Wire DC 10-30VDC Miniature Stainless Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		Shielded .6mm	Unshielded 1mm	Housing Stainless	IP IP67	Operating Temperature -20--+70C	Load Current <100mA	Series X04DS3	Frequency 2KHz	Specs X04.1
Advanced Range Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M8	.8mm	1.5mm	Stainless	IP67	-20--+70C	<200mA	X04AS3	5KHz	X04.2
Long Range Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		1mm	1.4mm	Stainless	IP67	-20--+70C	<200mA	X04LS3	5KHz	X04.3
NAMUR 2 Wire 7.7-9VDC Standard Metal Body Options: NPN/NC, PNP/NC	2m cable	M8	.8mm		Stainless	IP67	-25--+70C	***	X04NB2	5KHz	X04.4

M5 5mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES	MATERIALS	TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM		
3 Wire DC 10-30VDC Miniature Stainless Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M8	Shielded .8mm	Unshielded 1.5mm	Housing Stainless	IP IP67	Operating Temperature -20--+70C	Load Current <200mA	Series X05DS3	Frequency 5KHz	Specs X05.1
Long Range Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		1mm	1.4mm	Stainless	IP67	-20--+70C	<200mA	X05LS3	5KHz	X05.2
NAMUR 2 Wire 7.7-9VDC Standard Metal Body Options: NPN/NC, PNP/NC	2m cable	M8	.8mm		Stainless	IP67	-25--+70C	***	X05NB2	5KHz	X05.3

M6.5 6.5mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES	MATERIALS	TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM		
3 Wire DC 10-30VDC Miniature Stainless Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M8	Shielded 1.5mm	Unshielded 2.5mm	Housing Stainless	IP IP67	Operating Temperature -20--+70C	Load Current <200mA	Series X65DS3	Frequency 3/2.5KHz	Specs X65.1
Miniature Short Body Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M8	1.5mm		Stainless	IP67	-20--+70C	<200mA	X65SS3	2KHz	X65.2
Long Range Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M8	2mm	4mm	Stainless	IP67	-25--+70C	<200mA	X65LS3	5KHz	X65.3
Short Body Long Range Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M8	2mm	4mm	Stainless	IP67	-25--+70C	<200mA	X65CS3	5KHz	X65.4
High Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		1.5mm		Stainless	IP67	-25--+125C	<150mA	X65HS3	4KHz	X65.5
Low Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		1.5mm		Stainless	IP67	-40--+85C	<150mA	X65TS3	4KHz	X65.6
NAMUR 2 Wire 7.7-9VDC Standard Metal Body Options: NPN/NC, PNP/NC	2m cable	M8	1.5mm	2.5mm	Stainless	IP67	-25--+70C	***	X65NS2	5KHz	X65.7
High Temperature Options: NPN/NC, PNP/NC	2m cable		1.5mm		Stainless	IP67	-25--+70C	***	X65VS2	5KHz	X65.8

M8 8mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES	MATERIALS	TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM		
3 Wire DC 10-30VDC Miniature Metal Body Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12 M8	Shielded 1.5mm	Unshielded 2.5mm	Housing Metal-NBT	IP IP67	Operating Temperature -20--+70C	Load Current <200mA	Series X08DB3	Frequency 3/2.5KHz	Specs X08.1
Miniature Short Body Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12 M8	1.5mm	2.5mm	Stainless	IP67	-25--+70C	<200mA	X08DS3	4/3KHz	X08.2
Long Range Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12 M8	1.5mm	2.5mm	Metal-NBT	IP67	-20--+70C	<200mA	X08SB3	2/3KHz	X08.3
Short Body Long Range Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12 M8	1.5mm	2.5mm	Stainless	IP67	-25--+70C	<200mA	X08SS3	800Hz	X08.4
High Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		2mm	4mm	Metal-NBT	IP67	-25--+70C	<200mA	X08LB3	3KHz	X08.5
Low Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		2mm	4mm	Stainless	IP67	-25--+70C	<200mA	X08LS3	800Hz	X08.6
High Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		2mm	4mm	Metal-NBT	IP67	-25--+70C	<200mA	X08CB3	3KHz	X08.7
Low Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		2.5mm	3.5mm	Stainless	IP67	-25--+70C	<200mA	X08CS3	800Hz	X08.8
High Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		1.5mm		Stainless	IP67	-25--+125C	<150mA	X08HS3	4KHz	X08.9
UNIVERSAL 2 Wire AC-DC 20-240VAC-DC Standard Stainless Options: NO, NC	2m cable		1.5mm	2.5mm	Stainless	IP67	-25--+70C	<100mA	X08DS2A	25Hz	X08.12
NAMUR 2 Wire 7.7-9VDC Standard Metal Body Options: NPN/NC, PNP/NC	2m cable	M12 M8	1.5mm	2.5mm	Stainless	IP67	-25--+70C	***	X08NS3	5KHz	X08.13
High Temperature Options: NPN/NC, PNP/NC	2m cable		1.5mm		Stainless	IP67	-25--+125C	***	X08VS3	5KHz	X08.14
ANALOG Linear Analog Inductive	2m cable	M8	0-4mm		Metal-NBT	IP67	-20--+70C	***	X08DB5Y	1600Hz	X08.15

*** See Technical Specifications

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M12 12mm Standard



Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 Wire DC 10-30VDC			Shielded	Unshielded	Housing	IP	Operating Temperature	Load Current	Series	Frequency	Specs
Standard Metal Body	2m cable	90 M12 M8	2mm	4mm	Metal-NBT	IP67	-20--+70C	<200mA	X12DB3	2KHz	X12.1
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Long Distance	2m cable	M12	4mm	8mm	Metal-NBT	IP67	-20--+70C	<100mA	X12LB3	1KHz	X12.2
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Short Body	2m cable	M12	2mm	4mm	Metal-NBT	IP67	-20--+70C	<300mA	X12SB3	12KHz	X12.3
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Short w/Long Range	2m cable	M12	4mm	8mm	Metal-NBT	IP67	-20--+70C	<200mA	X12CB3	1KHz	X12.4
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Plastic Body 2m cable		M12	2mm	4mm	Plastic	IP67	-25--+70C	<200mA	X12DP3	2/1.5KHz	X12.5
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
4 Wire DC 10-30VDC											
Standard Metal Body	2m cable	90 M12	2mm	4mm	Metal-NBT	IP67	-20--+70C	<100mA	X12DB4D	1KHz	X12.6
Options: Programmable											
Plastic Standard	2m cable	M12	2mm	4mm	Plastic	IP67	-25--+70C	<200mA	X12DP4D	2/1.5KHz	X12.7
Options: Programmable											
2 Wire DC 10-30VDC											
Standard Metal Body	2m cable	M12	2mm	4mm	Metal-NBT	IP67	-20--+70C	<100mA	X12DB2	1200/1000Hz	X12.8
Options: Programmable											
2 Wire AC 20-240VAC											
Standard	2m cable	M12	2mm	4mm	Metal-NBT	IP67	-20--+70C	<500mA	X12DB2A	25Hz	X12.9
Options: NO, NC											
Plastic Standard	2m cable	M12	2mm	4mm	Plastic	IP67	-25--+70C	<500mA	X12DP2A	25Hz	X12.11
Options: NO, NC											
UNIVERSAL 2 Wire AC-DC 20-240VAC-DC											
Standard	2m Cable	M12	2mm	4mm	Metal-NBT	IP67	-20--+70C	<100mA	X12UB2U	25Hz	X12.12
Options: NO, NC											
UNIVERSAL 2 Wire AC-DC 10-50VAC-DC											
Standard	2m cable	M12	2mm	4mm	Metal-NBT	IP67	-20--+70C	<100mA	X12UB2W	25Hz	X12.13
Options: NO, NC											
ANALOG 0-10V & 4-20mA											
Linear Analog Inductive	2m cable	M12	0-6mm		Metal-NBT	IP67	-20--+70C	***	X12DB5Y	1000Hz	X12.14
Linear Analog Inductive	2m cable	M12	1-3mm		Metal-NBT	IP67	-25--+70C	***	X12DB5Z	250Hz	X12.15

M12 12mm Special



Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 Wire DC 10-30VDC			Shielded	Unshielded	Housing	IP	Operating Temperature	Load Current	Series	Frequency	Specs
Harsh Duty Stainless		M12	2mm	4mm	Stainless	IP68	-20--+70C	<100mA	X12PS3	2KHz	X12.17
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Harsh Duty Metal	2m cable	M12	2mm	4mm	Metal-NBT	IP68	-20--+70C	<100mA	X12PB3	2KHz	X12.18
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Extended Temperature	2m cable		2mm		Metal-NBT	IP68	-25--+110C	<150mA	X12EB3	2KHz	X12.19
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
High Temperature	2m cable		2mm		Metal-NBT	IP68	-25--+125C	<150mA	X12HB3	2KHz	X12.21
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Low Temperature	2m cable		2mm		Metal-NBT	IP68	-40--+85C	<150mA	X12TB3	2KHz	X12.22
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
High Pressure		M12	2mm	4mm	Metal-NBT	IP68	-25--+70C	<10mA	X12KB3	1000Hz	X12.23
Options: PNP/NO, NPN/NO											
NAMUR 2 Wire 7.7-9VDC											
Standard Metal Body	2m cable		2mm	4mm	Metal-NBT	IP68	-25--+75C	<500mA	X12NB2	25Hz	X12.24
Options: NPN/NC, PNP/NC											
High Temp Namur	2m cable		2mm	4mm	Metal-NBT	IP68	-20--+70C	<500mA	X12VB2	25Hz	X12.25
Options: NPN/NC, PNP/NC											
Plastic Namur	2m cable		2mm	4mm	Plastic	IP68	-25--+70C	***	X12NP2	.5/1KHz	X12.26
Options: NPN/NC, PNP/NC											

M14 14mm



Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 or 4 Wire DC 10-30VDC			Shielded	Unshielded	Housing	IP	Operating Temperature	Load Current	Series	Frequency	Specs
Standard Metal Body	2m cable		3mm	5mm	Metal-NBT	IP67	-25--+70C	<200mA	X14DB3	2/1.5KHz	X14.1
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Options: Programmable			3mm	5mm	Metal-NBT	IP67	-25--+70C	<200mA	X14DB4	2/1.5KHz	X14.2

M16 16mm



Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 or 4 Wire DC 10-30VDC			Shielded	Unshielded	Housing	IP	Operating Temperature	Load Current	Series	Frequency	Specs
Standard Metal Body	2m cable		4mm	5.5mm	Metal-NBT	IP67	-25--+70C	<200mA	X16DB3	1.5/1KHz	X16.1
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Options: Programmable			4mm	5.5mm	Metal-NBT	IP67	-25--+70C	<200mA	X16DB4	1.5/1KHz	X16.2

M18 18mm Standard



Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 Wire DC 10-30VDC			Shielded	Unshielded	Housing	IP	Operating Temperature	Load Current	Series	Frequency	Specs
Standard Metal Body	2m cable	90 M12 M8	5mm	8mm	Metal-NBT	IP67	-20--+70C	<400mA	X18DB3	150Hz	X18.1
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Long Distance	2m cable	M12 M8	8mm	12mm	Metal-NBT	IP67	-20--+70C	<400mA	X18LB3	150Hz	X18.2
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
4X Range	2m cable	M12	10mm	14mm	Metal-NBT	IP67	-20--+70C	<200mA	X18XB3	300/200Hz	X18.3
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Short Body	2m cable	M12 M8	5mm	8mm	Metal-NBT	IP67	-20--+70C	<400mA	X18SB3	150Hz	X18.4
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Short Body/4X	2m cable	M12	10mm	14mm	Metal-NBT	IP67	-20--+70C	<200mA	X18QB3	300/200Hz	X18.5
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Plastic Body	2m cable	M12	5mm	8mm	Plastic	IP67	-25--+70C	<400mA	X18DP3	1KHz	X18.6
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Amphenol Connector	Amphenol	Amphenol90	5mm	8mm	Metal-NBT	IP67	-20--+70C	<400mA	X18YB3	1KHz	X18.7
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
4 Wire DC 10-30VDC Programmable											
Standard Metal Body	2m cable	90 M12 M8	5mm	8mm	Metal-NBT	IP67	-20--+70C	<100mA	X18DB4D	300Hz	X18.8
Options: Programmable											
Plastic Standard	2m cable	M12	5mm	8mm	Plastic	IP67	-25--+70C	<400mA	X18DP4D	1KHz	X18.9
Options: Programmable											
2 Wire DC 10-30VDC											
Standard Metal Body	2m cable	M12	5mm	8mm	Metal-NBT	IP67	-20--+70C	<400mA	X18DB2	800/400Hz	X18.11
Options: PNP/NO+NC, NPN/NO+NC											
2 Wire AC 20-240VAC											
Standard Metal Body	2m cable	M12	5mm	8mm	Metal-NBT	IP67	-20--+70C	<300mA	X18DB2A	25Hz	X18.12
Options: NO,NC											
Plastic Standard	2m cable	M12	5mm	8mm	Plastic	IP67	-25--+70C	<500mA	X18DP2A	25Hz	X18.13
Options: NO,NC											
3 Wire AC 20-240VAC											
Standard Metal Body	2m cable	M12	2-5mm	3-10mm	Metal-NBT	IP67	-25--+70C	<250mA	X18DB3A	10Hz	X18.14
Options: NO,NC											
UNIVERSAL 2 Wire AC-DC 20-240VAC-DC											
Standard Metal Body	2m Cable	M12	5mm	8mm	Metal-NBT	IP67	-20--+70C	<200mA	X18UB2U	25Hz	X18.15
Options: NO,NC											
UNIVERSAL 2 Wire AC-DC 10-50VAC-DC											
Standard Metal Body	2m cable	M12	5mm	8mm	Metal-NBT	IP67	-20--+70C	<200mA	X18UB2W	25Hz	X18.16
Options: NO,NC											
ANALOG 0-10V & 4-20mA											
Linear Analog Inductive	2m cable	M12	2-6mm	3-8mm	Metal-NBT	IP67	-20--+70C	***	X18DB5Y	.5-1.6KHz	X18.17

M18 18mm Special



Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 Wire DC 10-30VDC			Shielded	Unshielded	Housing	IP	Operating Temperature	Load Current	Series	Frequency	Specs
Harsh Duty Stainless		M12	5mm	8mm	Stainless	IP68	-20--+70C	<400mA	X18PS3	1KHz	X18.19
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Harsh Duty Metal	2m cable	M12	5mm	8mm	Metal-NBT	IP68	-20--+70C	<400Ma	X18PB3	1KHz	X18.21
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Harsh Duty Plastic	2m cable		5mm	8mm	Plastic	IP68	-20--+70C	<400mA	X18PP3	1KHz	X18.22
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Harsh Duty Short	2m cable	M12	5mm	8mm	Metal-NBT	IP68	-20--+70C	<200mA	X18SB3	.8/.6KHz	X18.23
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Extended Temperature	2m cable		5mm		Metal-NBT	IP68	-25--+110C	<250mA	X18EB3	1KHz	X18.24
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
High Temperature	2m cable		5mm		Metal-NBT	IP68	-25--+125C	<250mA	X18HB3	1KHz	X18.25
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
Low Temperature	2m cable		5mm		Metal-NBT	IP68	-40--+85C	<250mA	X18TB3	1KHz	X18.26
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
X Duty Full Stainless	2m Cable		5mm		2XStainless	IP68	-25--+75C	<200mA	X18JS3	50HZ	X18.27
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC											
4 Wire DC 10-30VDC Programmable											
Harsh Duty Metal	2m cable		5mm	8mm	Metal-NBT	IP68	-25--+75C	<400mA	X18PB4	1KHz	X18.28
Options: Programmable											
2 Wire AC 20-240VAC											
Harsh Duty Metal	2m cable		5mm	8mm	Metal-NBT	IP68	-25--+75C	<500mA	X18PB2A	25Hz	X18.29
Options: NO, NC											
Harsh Duty Plastic	2m cable	M12	5mm	8mm	Metal-NBT	IP68	-20--+70C	<500mA	X18PP2A	25Hz	X18.31
Options: NO, NC											
NAMUR 2 Wire 7.7-9VDC											
Standard Metal Body	2m cable		5mm		Metal-NBT	IP68	-20--+70C	***	X18NB2	.8/.6KHz	X18.32
Options: NPN/NC, PNP/NC											
High Temp Namur	2m cable		5mm	8mm	Plastic	IP68	-25--+125C	***	X18VB2	1KHz	X18.33
Options: NPN/NC, PNP/NC											
Plastic Namur	2m cable		5mm	8mm	Plastic	IP68	-20--+70C	***	X18NP2	.1/.5KHz	X18.34
Options: NPN/NC, PNP/NC											
Short Plastic Namur	2m Cable		5mm	8mm	Plastic	IP68	-20--+70C	***	X18GP2	.8/.6KHz	X18.35
Options: NPN/NC, PNP/NC											

M28 28mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
Namur 2 Wire 7.7-9VDC Standard Metal Body Options: NPN/NC, PNP/NC	2m cable		Shielded 10mm	Unshielded 15mm	Housing Metal-NBT	IP IP67	Operating Temperature -20--+70C	Load Current *	Series X28NB2	Frequency .3/.2KHz	Specs X28.1

M30 30mm Standard

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 Wire DC 10-30VDC Standard Metal Body Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12	Shielded 10mm	Unshielded 15mm	Housing Metal-NBT	IP IP67	Operating Temperature -20--+70C	Load Current <400mA	Series X30DB3	Frequency 200Hz	Specs X30.1
Long Distance Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12	15mm	20mm	Metal-NBT	IP67	-20--+70C	<400mA	X30LB3	150Hz	X30.2
4X Range Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12	20mm	28mm	Metal-NBT	IP67	-20--+70C	<200mA	X30XB3	100Hz	X30.3
Short Body Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12	10mm	15mm	Metal-NBT	IP67	-20--+70C	<200mA	X30SB3	.8/.4KHz	X30.4
Short Body/4X Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12	20mm	28mm	Metal-NBT	IP67	-20--+70C	<200mA	X30QB3	100Hz	X30.5
Plastic Body Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12	10mm	15mm	Plastic	IP67	-20--+70C	<400mA	X30DP3	.8/.4KHz	X30.6
Plastic Short Body Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		10mm	15mm	Plastic	IP67	-25--+70C	<200mA	X30SP3	.8/.6KHz	X30.7
Amphenol Connector Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC		Am Am90	10mm	15mm	Metal-NBT	IP67	-25--+70C	<400mA	X30YB3	.8/.4KHz	X30.8
4 Wire DC 10-30VDC Programmable Standard Body Options: Programmable	2m cable		10mm	15mm	Metal-NBT	IP67	-25--+70C	<400mA	X30DB4	.15KHz	X30.9
2 Wire DC 10-30VDC Standard Metal Body Options: PNP/NO+NC, NPN/NO+NC	2m cable	M12	10mm	15mm	Metal-NBT	IP67	-25--+70C	<100mA	X30DB2	150KHz	X30.11
Long Distance Options: PNP/NO+NC, NPN/NO+NC	2m cable	M12	15mm	20mm	Metal-NBT	IP67	-20--+70C	<100mA	X30LB2	75Hz	X30.12
2 Wire AC 20-240VAC Standard Metal Body Options: NO, NC	2m cable	M12 M8	10mm	15mm	Metal-NBT	IP67	-20--+70C	<400mA	X30DB2A	25Hz	X30.13
Plastic Standard Options: NO, NC	2m cable	M12	10mm	15mm	Plastic	IP67	-20--+70C	<500mA	X30DP2A	25Hz	X30.14
3 Wire AC 20-240VAC Standard Metal Body Options: NO, NC	2m cable	M12	10mm	15mm	Metal-NBT	IP67	-25--+70C	<250mA	X30DB3A	10Hz	X30.15
UNIVERSAL 2 Wire AC-DC 20-240VAC-DC Standard Metal Body Options: NO, NC	2m Cable	M12	10mm	15mm	Metal-NBT	IP67	-25--+70C	<200mA	X30UB2U	25Hz	X30.16
UNIVERSAL 2 Wire AC-DC 10-50VAC-DC Standard Metal Body Options: NO, NC	2m cable	M12	10mm	15mm	Metal-NBT	IP67	-20--+70C	<200mA	X30UB2W	25Hz	X30.17

M30 30mm Special

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 Wire DC 10-30VDC Extended Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		Shielded 10mm	Unshielded	Housing Metal-NBT	IP IP68	Operating Temperature -25--+110C	Load Current <250mA	Series X30EB3	Frequency .8KHz	Specs X30.18
High Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		10mm		Metal-NBT	IP68	-25--+125C	<250mA	X30HB3	.8KHz	X30.19
Low Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		10mm		Metal-NBT	IP68	-40--+85C	<250mA	X30TB3	.8Hz	X30.21
NAMUR 2 Wire 7.7-9VDC Standard Metal Body Options: NPN/NC, PNP/NC	2m cable	M12	10mm	15mm	Metal-NBT	IP68	-20--+70C	***	X30NB2	.3KHz	X30.22
High Temp Namur Options: NPN/NC, PNP/NC	2m cable		10mm		Metal-NBT	IP68	-25--+125C	***	X30VB2	.3KHz	X30.23
Plastic Namur Options: NPN/NC, PNP/NC	2m cable		10mm	15mm	Plastic	IP68	-20--+70C	***	X30NP2	.3/.2KHz	X30.24
Short Plastic Namur Options: NPN/NC, PNP/NC	2m Cable		10mm	15mm	Plastic	IP68	-20--+70C	***	X30GP2	.8/.4KHz	X30.25

*** See Technical Specifications

INPROX SENSORS CORPORATION

M45 45mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES	MATERIALS	TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM		
3 Wire DC 10-30VDC Standard Metal Body Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		Shielded 20mm	Unshielded	Housing Metal-NBT	IP IP67	Operating Temperature -20--+70C	Load Current <400mA	Series X45DB3	Frequency .15KHz	Specs X45.1
Amphenol Connector Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC		Am Am90	20mm	Metal-NBT	IP67	-25--+70C	<400mA	X45YB3	.15KHz	X45.2	
High Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		20mm	Metal-NBT	IP67	-25--+125C	<250mA	X45HB3	.15KHz	X45.3	
Low Temperature Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		20mm	Metal-NBT	IP67	-40--+85C	<250mA	X45TB3	.15KHz	X45.4	
2 Wire AC 20-240VAC Standard Metal Body Options: NO, NC			20mm	Metal-NBT	IP67	-20--+70C	<500mA	X45DB2A	20Hz	X45.5	
NAMUR Standard Metal Body Options: NPN/NC, PNP/NC	2m cable		20mm	Metal-NBT	IP67	-20--+70C	***	X45NB2	.3KHz	X45.6	
High Temperature Options: NPN/NC, PNP/NC			20mm	Metal-NBT	IP67	-25--+125C	***	X45VB2	.3KHz	X45.7	

M5x5 25x5x5mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES	MATERIALS	TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM		
3 Wire DC 10-30VDC Micro Metal Body Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		Shielded .8mm	Unshielded	Housing Metal-NBT	IP IP67	Operating Temperature -25--+70C	Load Current <200mA	Series X55DB3	Frequency 5KHz	Specs X55.1

MA 28x16x10mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES	MATERIALS	TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM		
3 Wire DC 10-30VDC Mini Standard Flat Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M8	Shielded 3mm	Unshielded 6mm	Housing PA	IP IP67	Operating Temperature -20--+70C	Load Current <300mA	Series XA1DP3	Frequency 3KHz	Specs XA1.1

MY 40/50x25/30

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES	MATERIALS	TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM		
3 Wire DC 10-30VDC Mini Standard Flat Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M8	Shielded 5mm	Unshielded 8mm	Housing Plastic	IP IP67	Operating Temperature -25--+70C	Load Current <400mA	Series XY1DP3	Frequency 1KHz	Specs XY1.1
Mini Long Range Flat Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M8	10mm	15mm	Plastic	IP67	-25--+70C	<400mA	XY2DP3	.8/.4KHz	XY1.2
4 Wire DC 10-30VDC Mini Standard Flat Options: Programmable	2m cable	M8	5mm	8mm	Plastic	IP67	-25--+70C	<400mA	XY1DP4D	1KHz	XY1.3
Mini Long Range Options: Programmable	2m cable	M8	10mm	15mm	Plastic	IP67	-25--+70C	<400mA	XY2DP4D	.8/.4KHz	XY1.4
2 Wire AC-DC 20-250VAC-DC Mini Standard Flat Options: NO, NC	2m cable	M8	5mm	8mm	Plastic	IP67	-25--+70C	<500mA	XY1DP2A	20Hz	XY1.5
Mini Long Range Flat Options: NO, NC	2m cable	M8	10mm	15mm	Plastic	IP67	-25--+70C	<500mA	XY2DP2A	20Hz	XY1.6
NAMUR Mini Standard Flat Options: NPN/NC, PNP/NC	2m cable	M8	5mm	8mm	Plastic	IP67	-25--+70C		XY1NP2	2/1KHz	XY1.7
Mini Long Range Flat Options: NPN/NC, PNP/NC	2m cable	M8	10mm	15mm	Plastic	IP67	-25--+70C		XY2NP2	.8/.4KHz	XY1.8

M40x25x12mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES	MATERIALS	TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM		
3 Wire DC 10-30VDC Mini Standard Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		Shielded 2mm	Unshielded 4mm	Housing Plastic	IP IP67	Operating Temperature -25--+70C	Load Current <200mA	Series XT1RP3	Frequency 1/8KHz	Specs XT1.1
4 Wire DC 10-30VDC Mini Standard Options: Programmable	2m cable		2mm	4mm	Plastic	IP67	-25--+70C	<200mA	XT1RP4D	1/8KHz	XT1.2
2 Wire AC 20-240VAC Mini Standard Options: NO, NC	2m cable		2mm	4mm	Plastic	IP67	-25--+70C	<500mA	XT1RP2A	25Hz	XT1.3
NAMUR 2 Wire 7.7-9VDC Mini Standard Options: NPN/NC, PNP/NC	2m cable		2mm	4mm	Plastic	IP67	-25--+70C	***	XT1RNP2	1/8KHz	XT1.4

M80 80x40mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 Wire DC 10-30VDC Large Body Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12	Shielded 40mm	Unshielded	Housing Plastic	IP IP67	Operating Temperature -25--+70C	Load Current <400mA	Series X800P3	Frequency .5KHz	Specs X80.1
4 Wire DC 10-30VDC Programmable Large Body Options: Programmable	2m cable	M12	40mm		Plastic	IP67	-25--+70C	<400mA	X800P4	.5KHz	X80.2
2 Wire AC 20-240VAC Large Body Options: Programmable	2m cable	M12 M8	40mm		Plastic	IP67	-25--+70C	<500mA	X800P2A	1.5KHz	X80.3
NAMUR 2 Wire 7.7-9VDC Large Body Options: NPN/NC, PNP/NC	2m cable	M12	40mm		Plastic	IP67	-25--+70C	***	X800PN2	.5KHz	X80.4

FL Flat 100x60mm

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 Wire DC 10-30VDC Flat Pack Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12	Shielded 10-55mm	Unshielded	Housing Plastic	IP IP67	Operating Temperature -20--+70C	Load Current <400mA	Series XFLRP3	Frequency .3KHz	Specs XFL.1
2 Wire AC 20-240VAC Flat Pack Options: NO, NC	2m cable	M12	10-55mm		Plastic	IP67	-20--+70C	<400mA	XFLRP2A	20Hz	XFL.2
NAMUR 2 Wire 7.7-9VDC Flat Pack Options: NPN/NC, PNP/NC	2m cable	M12	75mm		Plastic	IP67	-20--+70C	***	XFLRNP2	.3KHz	XFL.3

5WAY 5 Position Limit Switch Style

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
4 Wire DC 10-30VDC Standard Options: Programmable	terminal block		Shielded 15mm	Unshielded 20mm	Housing Plastic	IP IP67	Operating Temperature -25--+70C	Load Current <400mA	Series X5WRP4	Frequency .1KHz	Specs X5W.1
2 Wire AC 20-240VDC Standard Options: NO, NC	terminal block		15mm	20mm	Plastic	IP67	-25--+70C	<500mA	X5WRP2A	.25Hz	X5W.2
NAMUR 2 Wire 7.7-9VDC Standard Options: NPN/NC, PNP/NC	terminal block		15mm	20mm	Plastic	IP67	-25--+70C	***	X5WRNP2	.2KHz	X5W.3

FORK 3.5-30mm Width

Inductive Proximity Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 Wire DC 10-30VDC 3.5mm Width Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		Shielded 3.5mm	Unshielded	Housing Plastic	IP IP67	Operating Temperature -25--+70C	Load Current <200mA	Series XF1FP3	Frequency 1KHz	Specs XF1.1
5mm Width Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable		5mm		Plastic	IP67	-25--+70C	<200mA	XF2FP3	1KHz	XF1.2
15mm Width Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12	15mm		Plastic	IP67	-25--+70C	<500mA	XF3FP3	.5KHz	XF1.3
30mm Width Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC	2m cable	M12	30mm		Plastic	IP67	-25--+70C	<400mA	XF4FP3	.2KHz	XF1.4
2 Wire AC 20-240VDC 15mm Width Options: NO, NC	2m cable		15mm		Plastic	IP67	-25--+70C	<500mA	XF3FP2A	15Hz	XF1.5
30mm Width Options: NO, NC	2m cable		30mm		Plastic	IP67	-25--+70C	<500mA	XF4FP2A	15Hz	XF1.6

C12 12mm Capacitive

Capacitive Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
3 Wire CAPACITIVE SENSOR Metal Housing Options: PNP/NO, PNP/NC, NPN/NO	2m cable		Shielded 2.5mm	Unshielded	Housing NBT	IP IP67	Operating Temperature -25--+70C	Load Current <300mA	Series C12DB3	Frequency 100Hz	Specs C12.1

*** See Technical Specifications

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C18 18mm Capacitive

Capacitive Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE		LOAD	PARTS	SWITCHING	CDROM
3 Wire CAPACITIVE SENSOR 10-48VDC Metal Housing	2m cable	M12	Shielded	Unshielded	Housing	IP	Operating Temperature -25--+70C		Load Current <300mA	Series C18DB3	Frequency 100Hz	Specs C18.1
			1-5mm		NBT	IP67						
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC												
Plastic Housing	2m cable	M12		2-8mm	Plastic	IP67	-25--+70C		<300mA	C18DP3	100Hz	C18.2
			Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC									
2 Wire CAPACITIVE SENSOR 20-240VAC												
Metal Housing	2m cable	M12	1-5mm		NBT	IP67	-25--+70C		<300mA	C18DB2A	25Hz	C18.3
			Options: NO, NC									
Plastic Housing	2m cable	M12	2-8mm		Plastic	IP67	-25--+70C		<300mA	C18DP2A	25Hz	C18.4
			Options: NO, NC									

C30 30mm Capacitive

Capacitive Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE		LOAD	PARTS	SWITCHING	CDROM							
3 Wire CAPACITIVE SENSOR 10-30VDC Metal Body-Check	2m cable	M12	Shielded	Unshielded	Housing	IP	Operating Temperature -25--+70C		Load Current <200mA	Series C30MB3	Frequency 100Hz	Specs C30.1							
			2-15mm	2-20mm	Metal-NBT	IP67													
			Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC																
			Standard Metal Body	2m cable	M12	2-15mm							2-20mm	Metal-NBT	IP67	-25--+70C	<200mA	C30DB3	100Hz
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC																			
Plastic Body	2m cable	M12	5-20mm		Plastic	IP67	-25--+70C		<300mA	C30DP3	100Hz	C30.3							
			Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC																
2 Wire CAPACITIVE SENSOR 20-240VAC																			
Metal Body	2m cable	M12	2-10mm		NBT	IP67	-25--+70C		<300mA	C30DB2A	25Hz	C30.4							
			Options: NO, NC																
Plastic Body	2m cable	M12	5-20mm		Plastic	IP67	-25--+70C		<300mA	C30DP2A	25Hz	C30.5							
			Options: NO, NC																

C34 34mm Capacitive

Capacitive Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE		LOAD	PARTS	SWITCHING	CDROM
3 Wire CAPACITIVE SENSOR 10-48VDC Plastic	2m cable	M12	Shielded	Unshielded	Housing	IP	Operating Temperature -25--+70C		Load Current <300mA	Series C34DB3	Frequency 100Hz	Specs C34.1
			7-30mm		Plastic	IP67						
Options: PNP/NO, PNP/NC, NPN/NO												
2 Wire CAPACITIVE SENSOR 24-240VAC												
Plastic Housing	2m cable	M12	7-30mm		Plastic	IP67	-25--+70C		<300mA	C34DP2A	25Hz	C34.2
Options: NO, NC												

UV8 18mm

Ultraviolet

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE		LOAD	PARTS	SWITCHING	CDROM
4 Wire Luminescence UV 10-30VDC Standard Plastic Body	2m cable	M12 90	12 Lens	25 Lens	Housing	IP	Operating Temperature -0--+55C		Load Current <100mA	Series PUVSTF9	Frequency 10KHz	Specs PUV.1
			12mm	25mm	PBT	IP65						
Options: PNP/LO+DO, NPN/LO+DO												

UV30 30mm

Ultraviolet

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE		LOAD	PARTS	SWITCHING	CDROM
4 Wire Luminescence UV 10-30VDC LO/DO Standard Metal Body	2m cable	M12 90	Lens		Housing	IP	Operating Temperature -5--+55C		Load Current <100mA	Series PUVSTF3	Frequency 400Hz	Specs PUV.2
			30mm		Metal-NBT	IP65						
Options: PNP/LO+DO, NPN/LO+DO												

U9 Series 18mm

Ultrasonic

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE		LOAD	PARTS	SWITCHING	CDROM	
Ultrasonic Diffuse 300 Series 18-30VDC													
U9 Analog Output	2m cable	M12 w/pigtail	0-10V	60mm	300mm	PBTP	IP67	-15--+70C	50ms	<5mA	PU9300T4Z	***	PU9.1
U9 Analog Output	2m cable	M12 w/pigtail	4-20mA	60mm	300mm	PBTP	IP67	-15--+70C	50ms	<4-20mA	PU9300T4X	***	PU9.2
U9 PNP NO	2m cable	M12 w/pigtail	(digital only)	60mm	300mm	PBTP	IP67	-15--+70C		<500mA	PU9300T4P	25Hz	PU9.3
Ultrasonic Diffuse 600 Series 18-30VDC													
U9 Analog Output	2m cable	M12 w/pigtail	0-10V	100mm	600mm	PBTP	IP67	-15--+70C	50ms	<5mA	PU9600T4Z	***	PU9.4
U9 Analog Output	2m cable	M12 w/pigtail	4-20mA	100mm	600mm	PBTP	IP67	-15--+70C	50ms	<4-20mA	PU9600T4X	***	PU9.5
U9 PNP NO	2m cable	M12 w/pigtail	(digital only)	100mm	600mm	PBTP	IP67	-15--+70C		<500mA	PU9600T4P	8KHz	PU9.6
Ultrasonic Diffuse 1500 Series 18-30VDC													
U9 Analog Output	2m cable	M12 w/pigtail	0-10V	200mm	1500mm	PBTP	IP67	-15--+70C	150ms	<5mA	PU915KT4Z	***	PU9.7
U9 Analog Output	2m cable	M12 w/pigtail	4-20mA	200mm	1500mm	PBTP	IP67	-15--+70C	150ms	<4-20mA	PU915KT4X		PU9.8
U9 PNP NO	2m cable	M12 w/pigtail	(digital only)	200mm	1500mm	PBTP	IP67	-15--+70C		<500mA	PU915KT4P	8KHz	PU9.9
U9 PNP NO	2m cable	M12 w/pigtail	(digital only)	400mm	1500mm	PBTP	IP67	-15--+70C		<500mA	PU9E15T4Z	8KHz	PU9.11

*** See Technical Specifications

U3 Series 30mm

Ultrasonic

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE		LOAD	PARTS	SWITCHING	CDROM
Ultrasonic U3 Diffuse 2500 Series 18-30VDC U3 Analog Output 0-10V		M12	Min Range 300mm	Max Range 2500mm	Housing PBTP	IP IP67	Operating -15--+70C	Time inMS 90ms	Load Current <5mA	Series PU325KT4Z	Frequency 1Hz	Specs PU3.1
U3 Analog Output 4-20mA		M12	300mm	2500mm	PBTP	IP67	-15--+70C	90ms	<4-20mA	PU325KT4X	1Hz	PU3.2
U3 PNP NO (digital only)		M12	300mm	2500mm	PBTP	IP67	-15--+70C	***	<500mA	PU325KT4P	1Hz	PU3.3
Ultrasonic U3 Diffuse 2000 Series 19-30VDC U3 Analog & Digital 2 PNP NO-NC & 0-10V		M12	250mm	2000mm	PBTP	IP67	-15--+70C	60ms	<100mA	PU320KT4G	1Hz	PU3.4
U3 Analog & Digital 2 PNP NO-NC & 4-20mA		M12	250mm	2000mm	PBTP	IP67	-15--+70C	60ms	<100mA	PU320KT4H	1Hz	PU3.5
U3 PNP NO (digital only)		M12	250mm	2000mm	PBTP	IP67	-15--+70C	***	<100mA	PU320KT4P	1Hz	PU3.6
Ultrasonic U3 Diffuse 2000 Series 19-30VDC U3 Analog & Digital 2 PNP NO-NC & 0-10V		M12	350mm	3500mm	PBTP	IP67	-15--+70C	120ms	<100mA	PU335KT4G	.8Hz	PU3.7
U3 Analog & Digital 2 PNP NO-NC & 4-20mA		M12	350mm	3500mm	PBTP	IP67	-15--+70C	120ms	<100mA	PU335KT4H	.8Hz	PU3.8
U3 PNP NO (digital only)		M12	350mm	3500mm	PBTP	IP67	-15--+70C	***	<500mA	PU335KT4P	.8HZ	PU3.9

UC MicroCubic 30x20x12mm

Ultrasonic

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES		MATERIALS		TEMPERATURE		LOAD	PARTS	SWITCHING	CDROM
Ultrasonic UC 300 Series 18-30VDC Transmitter 2m cable			Min Range >0mm	Max Range 300mm	Housing PBTP	IP IP67	Operating -15--+70C	Time inMS ***	Load Current <500mA	Series PU2300TT2	Frequency 150KHz	Specs PU2.1
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC Receiver 2m cable			>0mm	300mm	PBTP	IP67	-15--+70C	***	<4-20mA	PU2300RT2	150KHz	PU2.2
Options: PNP/NO, PNP/NC, NPN/NO, NPN/NC												

PF 050 Web Guide Sensor

Web Guide

SENSOR SERIES	CABLE	CONNECTOR(S)	DIMENSIONS		MATERIALS		LOAD	PARTS	SWITCHING	CDROM
4 Wire DC 14-30VDC/110VAC Output Fork Sensor 90mmFork Sensor		M12	Depth 50mm	Width 38mm	Housing PCB	IP IP64	Load Current <500mA	Series FO050A	Frequency 25Hz	Specs PFO.1
Options: TRIAC Output /LO-DO selectable										
4 Wire DC 14-30VDC/24VAC/DC Output Fork Sensor 90mmFork Sensor		M12	50mm	38mm	PCB	IP64	<500mA	FO050A	25Hz	PFO.2
Options: TRIAC Output /LO-DO selectable										

GL 015 Gloss Sensor

Gloss

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGES	MATERIALS		TEMPERATURE	LOAD	PARTS	SWITCHING	CDROM
4 Wire DC 10-30VDC Standard Gloss Sensor		M12	Max Range 20mm	Housing PMMA	IP IP67		Load Current <100mA	Series PGL015	Frequency 500Hz	Specs PGL.1
Options: Programmable										

P30 Serial Data Link – Optical Transmission

Serial – Optical

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGE	MATERIALS		TEMPERATURE	LED	LOAD	PARTS	SWITCH	CDROM
3/4 Wires 12-24VDC Serial Data Link 3m Infrared Transmitter/Receiver Set		M12(90)	Max Range 3m	Housing Metal-NBT	IP IP67	Operating Temp. -25--+70C	Led Infrared	Load Current <100mA	Series PERSEDAT1	Frequency 20mA TTY	Specs PER.1 or RS232
Options: NPN (20mA TTY Current Loop OR Serial RS232)											
6m Infrared Transmitter/Receiver Set		M12(90)	6m	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PERSEDAT2	20mA TTY	PER.2 or RS232
Options: NPN (20mA TTY Current Loop OR Serial RS232)											
50m Infrared Transmitter/Receiver Set		M12(90)	50m	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PERSEDAT3	20mA TTY	PER.3 or RS232
Options: NPN (20mA TTY Current Loop OR Serial RS232)											
100m Infrared Transmitter/Receiver Set		M12(90)	100m	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PERSEDAT4	20mA TTY	PER.4 or RS232
Options: NPN (20mA TTY Current Loop OR Serial RS232)											

*** See Technical Specifications



PC Micro-Line Cubic 31x20x11mm

Photoelectric

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGE	MATERIALS	TEMPERATURE	LED	LOAD	PARTS	SWITCH	CDROM	
3 Wire 10-30VDC Red Visible Beam			Max Range	Housing	IP	Operating Temp.	LED	Load Current	Series	Frequency	Specs
500mm Micro Background Suppression	2m cable	M8	500mm	PBT	IP67	-25--+55C	VisibleRed	<30mA	PBG500	1KHz	PC.1
Options: PNP/LO+DO, NPN/LO+DO											
900mm Micro Diffuse Proximity	2m cable	M8	900mm	PBT	IP67	-25--+55C	VisibleRed	<30mA	PDX900	1KHz	PC.2
Options: PNP/LO+DO, NPN/LO+DO											
5m Micro Polarized Retro Reflective	2m cable	M8	5m	PBT	IP67	-25--+55C	VisibleRed	<30mA	PPX05M	1KHz	PC.3
Options: PNP/LO+DO, NPN/LO+DO											
15m Micro Receiver	2m cable	M8	15m	PBT	IP67	-25--+55C	VisibleRed	<20mA	PRX15M	1KHz	PC.4
Options: PNP/LO+DO, NPN/LO+DO											
15m Micro Transmitter	2m cable	M8	15m	PBT	IP67	-25--+55C	VisibleRed	<15mA	PTX15M	1KHz	PC.5
Options: PNP/LO+DO, NPN/LO+DO											

PM Mini-Line Cubic 60x43x20mm



Photoelectric

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGE	MATERIALS	TEMPERATURE	LED	LOAD	PARTS	SWITCH	CDROM	
2-5 Wire 10-30VDC Red LED Visible Beam			Max Range	Housing	IP	Operating Temp.	LED	Load Current	Series	Frequency	Specs
All Options: PNP/LO+DO, NPN/LO+DO											
600mm Mini Background Suppression	2m cable	M12	600mm	PBT	IP67	-25--+55C	VisibleRed	<30mA	PBV600	1KHz	PM.1
310mm Mini Diffuse Proximity	2m cable	M8	310mm	PBT	IP67	-25--+55C	VisibleRed	<30mA	PDV310	1KHz	PM.2
9m Micro Polarized Retro Reflective	2m cable	M8	9m	PBT	IP67	-25--+55C	VisibleRed	<30mA	PPV09M	1KHz	PM.3
20m Micro Receiver	2m cable	M8	20m	PBT	IP67	-25--+55C	VisibleRed	<20mA	PRV20M	1KHz	PM.4
20m Micro Transmitter	2m cable	M8	20m	PBT	IP67	-25--+55C	VisibleRed	<15mA	PTV20M	1KHz	PM.5
2-5 Wire UNIVERSAL 12-240VAC/DC RED Visible Beam											
600mm Mini Background Suppression	2m cable	M12	600mm	PBT	IP67	-25--+55C	VisibleRed	<30mA	PTV600*	1KHz	PM.6
All Options: PNP/LO+DO, NPN/LO+DO OR RELAY											
310mm Mini Diffuse Proximity	2m cable	M8	310mm	PBT	IP67	-25--+55C	VisibleRed	<30mA	PDV310*	1KHz	PM.7
9m Micro Polarized Retro Reflective	2m cable	M8	9m	PBT	IP67	-25--+55C	VisibleRed	<30mA	PPV09M*	1KHz	PM.8
20m Micro Receiver	2m cable	M8	20m	PBT	IP67	-25--+55C	VisibleRed	<20mA	PRV20M*	1KHz	PM.9
20m Micro Transmitter	2m cable	M8	20m	PBT	IP67	-25--+55C	VisibleRed	<15mA	PTV20M*	1KHz	PM.11

PS Main-Line Cubic 40x23x15mm



Photoelectric

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGE	MATERIALS	TEMPERATURE	LED	LOAD	PARTS	SWITCH	CDROM	
4 Wire 10-30VDC Infrared/Red			Max Range	Housing	IP	Operating Temp.	LED	Load Current	Series	Frequency	Specs
All Options: NO, NC											
300mm Infrared Diffuse Proximity	2m cable	M12 M8	300mm	ABS	IP65	-25--+70C	Infrared	<300mA	PDX300	750Hz	PS.1
2.5m Visible Red Polarized Reflective	2m cable	M12 M8	2.5m	ABS	IP67	-25--+55C	VisibleRed	<300mA	PPX025	750Hz	PS.2
4m Visible Red Retro Reflective	2m cable	M12 M8	4m	ABS	IP67	-25--+55C	VisibleRed	<300mA	PRX004	750Hz	PS.3
8m Visible Red Receiver	2m cable	M12 M8	8m	ABS	IP67	-25--+55C	VisibleRed	<300mA	PRE08M	500Hz	PS.4
8m Visible Red Transmitter	2m cable	M12 M8	8m	ABS	IP67	-25--+55C	VisibleRed	<300mA	PTX08M	500Hz	PS.5

P18 18mm Tough Stock Series



Photoelectric

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGE	MATERIALS	TEMPERATURE	LED	LOAD	PARTS	SWITCH	CDROM	
4 Wire 10-30VDC Programmable*			Max Range	Housing	IP	Operating Temp.	LED	Load Current	Series	Frequency	Specs
50mm Background Suppression	2m cable	M12 M12(90)	50mm	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PBZ0509	80Hz	PS.1
Options: Programmable											
100mm Background Suppression	2m cable	M12 M12(90)	100mm	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PBZ1009	80Hz	PS.2
Options: Programmable											
100mm Diffuse Proximity	2m cable	M12 M12(90)	100mm	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PDX1009	80Hz	PS.3
Options: Programmable											
200mm Diffuse Proximity	2m cable	M12 M12(90)	200mm	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PDX2009	80Hz	PS.4
Options: Programmable											
400mm Diffuse Proximity	2m cable	M12 M12(90)	400mm	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PDX4009	80Hz	PS.5
Options: Programmable											
1000mm Diffuse Proximity	2m cable	M12 M12(90)	1000mm	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PDX01K9	80Hz	PS.6
Options: PNP/NO+NC, NPN/NO+NC*											
4m Retroreflective	2m cable	M12 M12(90)	4m	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PRX0049	80Hz	PS.7
Options: Programmable											
6m Retroreflective	2m cable	M12 M12(90)	6m	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PRX0069	80Hz	PS.8
Options: PNP/NO+NC, NPN/NO+NC*											
3m Polarized Retroreflective	2m cable	M12 M12(90)	3m	Metal-NBT	IP67	-25--+70C	Visible Red	<100mA	PPX0039	80Hz	PS.9
Options: Programmable											
16m Transmitter	2m cable	M12 M12(90)	16m	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PTX16M9	30Hz	PS.11
Options: Programmable											
16m Receiver	2m cable	M12 M12(90)	16m	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PRE16M9	30Hz	PS.12

P12 12mm M12 Learn-Line w/Teach in

Photoelectric

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGE	MATERIALS	TEMPERATURE	LED	LOAD	PARTS	SWITCH	CDROM	
4 Wire 10-30VDC			Max Range	Housing	IP	Operating Temp.	Led	Load Current	Series	Frequency	Specs
100mm Fixed Focal Diffuse Proximity	2m cable	M12	100mm	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PDZ1001	400Hz	PT.1
Options: PNP/LO+DO, NPN/LO+DO											
100mm Teach In Diffuse Proximity	2m cable	M12	100mm	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PDX1001	400Hz	PT.2
Options: PNP/LO+DO, NPN/LO+DO											
200mm Fixed Focal Diffuse Proximity	2m cable	M12	200mm	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PDZ2001	400Hz	PT.3
Options: PNP/LO+DO, NPN/LO+DO											
200mm Teach In Diffuse Proximity	2m cable	M12	200mm	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PDX2001	400Hz	PT.4
Options: PNP/LO+DO, NPN/LO+DO											
300mm Teach In Diffuse Proximity	2m cable	M12	300mm	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PDX3001	400Hz	PT.5
Options: PNP/LO+DO, NPN/LO+DO											
2m Teach In Polarized Retroreflective	2m cable	M12	2m	Metal-NBT	IP67	-25--+70C	Visible Red	<100mA	PPX0021	400Hz	PT.6
Options: PNP/LO+DO, NPN/LO+DO											
4m Teach In Transmitter	2m cable	M12	4m	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PTX0041	250Hz	PT.7
Options: PNP/LO+DO, NPN/LO+DO											
4m Fixed Focal Transmitter	2m cable	M12	4m	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PTZ0041	250Hz	PT.8
Options: PNP/LO+DO, NPN/LO+DO											
4m Teach In Receiver	2m cable	M12	4m	Metal-NBT	IP67	-25--+70C	Infrared	<100mA	PRE0041	250Hz	PT.9
Options: PNP/LO+DO, NPN/LO+DO											

L18 18mm Laser-Line Harsh Duty

Laser

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGE	MATERIALS	TEMPERATURE	LED	LOAD	PARTS	SWITCH	CDROM	
4 Wire 10-30VDC			Max Range	Housing	IP	Operating Temp.	Led	Load Current	Series	Frequency	Specs
300mm Diffuse Proximity Laser	2m cable	M12	300mm	Metal-NBT	IP67	-25--+55C	Class1 Laser	<100mA	PTL3009	800Hz	PL.1
Options: PNP/NO+NC, NPN/NO+NC											
20m Polarized Retroreflective Laser	2m cable	M12	20m	Metal-NBT	IP67	-25--+55C	Class1 Laser	<100mA	PPL0209	800Hz	PL.2
Options: PNP/NO+NC, NPN/NO+NC											
50m Transmitter Laser	2m cable	M12	50m	Metal-NBT	IP67	-25--+55C	Class1 Laser	<100mA	PLT0509	1KHz	PL.3
Options: PNP/NO+NC, NPN/NO+NC											
50m Receiver Laser	2m cable	M12	50m	Metal-NBT	IP67	-25--+55C	Class1 Laser	<100mA	PLR0509	1KHz	PL.4
Options: PNP/NO+NC, NPN/NO+NC											

P18 18mm PAC-Line

Photo Electric M18

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGE	MATERIALS	TEMPERATURE	LED	LOAD	PARTS	SWITCH	CDROM	
3 Wire 20-253VAC	All Options have NO, NC		Max Range	Housing	IP	Operating Temp.	Led	Load Current	Series	Frequency	Specs
50mm Background Suppression	2m cable	2m cable(90) M12 M12(90)	50mm	PBT	IP67	-25--+70C	Infrared	<5-300mA	PBZ0509PA	25Hz	PAC.1
100mm Background Suppression	2m cable	2m cable(90) M12 M12(90)	100mm	PBT	IP67	-25--+70C	Infrared	<5-300mA	PBZ1009PA	25Hz	PAC.2
100mm Diffuse Proximity	2m cable	2m cable(90) M12 M12(90)	100mm	PBT	IP67	-25--+70C	Infrared	<5-300mA	PDX1009PA	25Hz	PAC.3
200mm Diffuse Proximity	2m cable	2m cable(90) M12 M12(90)	200mm	PBT	IP67	-25--+70C	Infrared	<5-300mA	PDX2009PA	25Hz	PAC.4
400mm Diffuse Proximity	2m cable	2m cable(90) M12 M12(90)	400mm	PBT	IP67	-25--+70C	Infrared	<5-300mA	PDX4009PA	25Hz	PAC.5
4m Retroreflective	2m cable	2m cable(90) M12 M12(90)	4m	PBT	IP67	-25--+70C	Infrared	<5-300mA	PRX04M9PA	25Hz	PAC.6
3m Polarized Retroreflective	2m cable	2m cable(90) M12 M12(90)	3m	PBT	IP67	-25--+70C	Visible Red	<5-300mA	PPX03M9PA	25Hz	PAC.7
16m Transmitter	2m cable	2m cable(90) M12 M12(90)	16m	PBT	IP67	-25--+70C	Infrared	<5-300mA	PTX0169PA	25Hz	PAC.8
16m Receiver	2m cable	2m cable(90) M12 M12(90)	16m	PBT	IP67	-25--+70C	Infrared	<5-300mA	PRE0169PA	25Hz	PAC.9
32m Transmitter	2m cable	2m cable(90) M12 M12(90)	16m	PBT	IP67	-25--+70C	Infrared	<5-300mA	PTX0329PA	25Hz	PAC.11
32m Receiver	2m cable	2m cable(90) M12 M12(90)	16m	PBT	IP67	-25--+70C	Infrared	<5-300mA	PRE0329PA	25Hz	PAC.12

P30 PTCH Long-Shot 100m Range Series-Harsh Duty

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SENSOR SERIES	CABLE	CONNECTOR(S)	RANGE	MATERIALS	TEMPERATURE	LED	LOAD	PARTS	SWITCH	CDROM	
5 Wire 10-30VDC Harsh Duty Long Range			Max Range	Housing	IP	Operating Temp.	Led	Load Current	Series	Frequency	Specs
100m Infrared Transmitter with Check		M12(90)	100m	Metal-NBT	IP67	-25--+70C	Infrared	<400mA	PTCH1009	500micro-sec	PTCH.1
Options: PNP/NO+NC, NPN/NO+NC											
100m Infrared Receiver with Alarm Output		M12(90)	100m	Metal-NBT	IP67	-25--+70C	Infrared	<400mA	PRE1009	500micro-sec	PTCH.2
Options: PNP/NO+NC, NPN/NO+NC											

For Fiber Optic Cables; Glass and Plastic please call us or consult our website.

For Accessories; brackets, holds, lenses, hardware and attachments please call us or consult our website.

INPROX SENSORS CORPORATION

Area Sensor Optics System

Area Sensors

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGE	DETECTION	HOUSING	LED	LOAD	PARTS	SWITCH	CDROM	
4 Wire 10-30VDC 4 Optics 30mm Spacing	Miniaturized Area Transmitter	2m cable M12	Range 2m	Object Size 15-35mm	Housing Valox	IP IP67	Led Infrared	Load Current <100mA	Series ATX04	Freq.NO/NC 5ms/500us	Specs A04.1
Options: PNP+NPN/NO, PNP+NPN/NC											
4 Optics 30mm Spacing	Miniaturized Area Receiver	2m cable M12	2m	15-35mm	Valox	IP67	Infrared	<100mA	ARE04	5ms/500us	A04.2
Options: PNP+NPN/NO, PNP+NPN/NC											
10 Optics 10mm Spacing	Miniaturized Area Transmitter	2m cable M12	2m	5-15mm	Valox	IP67	Infrared	<100mA	ATX10	5ms/500us	A10.1
Options: PNP+NPN/NO, PNP+NPN/NC											
10 Optics 10mm Spacing	Miniaturized Area Receiver	2m cable M12	2m	5-15mm	Valox	IP67	Infrared	<100mA	ARE10	5ms/500us	A10.2
Options: PNP+NPN/NO, PNP+NPN/NC											
4/5 Wire 10-30VDC 12 Optics 6mm Spacing	Area Transmitter B1A or B1B	2m cable M12	2m	5-6mm	1Valox/PC 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ATXB1	10ms	A12.1
Beam Options: Low A (no minimum distance) High B (300mm)											
Optics 6mm Spacing	Area Receiver B1A or B1B	2m cable M12	2m	5-6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<50mA	AREB1	10ms	A12.2
Options: PNP/NO+NC, NPN/NO+NC											
12 Optics 6mm Spacing	Area Transmitter B2A or B2B	2m cable M12	1.5m	5-6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ATXB2	10ms	A12.3
Beam Options: Low A (no minimum distance) High B (300mm)											
12 Optics 6mm Spacing	Area Receiver B2A or B2B	2m cable M12	1.5m	5-6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<50mA	AREB2	10ms	A12.4
Options: PNP/NO+NC, NPN/NO+NC											
12 Optics 6mm Spacing	Area Transmitter B3A or B3B	2m cable M12	1m	5-6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ATXB3	3ms	A12.5
Beam Options: Low A (no minimum distance) High B (300mm)											
12 Optics 6mm Spacing	Area Receiver B3A or B3B	2m cable M12	1m	5-6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	AREB3	3ms	A12.6
Options: PNP/NO+NC, NPN/NO+NC											
12 Optics 6mm Spacing	Area Transmitter B4A or B4B	2m cable M12	.6m	3-6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ATXB4	2ms	A12.7
Beam Options: Low A (no minimum distance) High B (300mm)											
12 Optics 6mm Spacing	Area Receiver B4A or B4B	2m cable M12	.6m	3-6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	AREB4	2ms	A12.8
Options: PNP/NO+NC, NPN/NO+NC											
12 Optics 6mm Spacing	Area Transmitter B5A or B5B	2m cable M12	.25m	2mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ATXB5	2ms	A12.9
Beam Options: Low A (no minimum distance) High B (300mm)											
12 Optics 6mm Spacing	Area Receiver B5A or B5B	2m cable M12	.25m	2mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	AREB5	2ms	A12.11
Options: PNP/NO+NC, NPN/NO+NC											
Analog Versions 12 Optics Area Transmitter	4-20mA Analog Output	2m cable M12	.25-2m	2-6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ATXD1	2-10ms	A12.12
Options: (2)PNP/NO+NC & 4-20mA											
12 Optics Area Receiver	4-20mA Analog Output	2m cable M12	25-2m	2-6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ARED1	2-10ms	A12.13
Options: (2)PNP/NO+NC & 4-20mA											
12 Optics Area Receiver	0-20mA Analog Output	2m cable M12	25-2m	2-6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ATXD2	2-10ms	A12.14
Options: (2)PNP/NO+NC & 0-20mA											
12 Optics Area Transmitter	0-20mA Analog Output	2m Cable M12	25-2m	2-6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ARED2	2-10ms	A12.15
Options: (2)PNP/NO+NC & 0-20mA											
Specialized Analog Postal/Mail Sorter Transmitter		2m cable M12	200-500mm	1mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ATXD3	10ms	A12.16
Options: (2)PNP/NO+NC & 4-20mA											
Specialized Analog Postal/Mail Sorter Receiver		2m cable M12	200-500mm	1mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ARED3	10ms	A12.17
Options: (2)PNP/NO+NC & 4-20mA											
Extended Range		2m cable M12	2.5m	6mm	1Valox 2Valox/Glass or 3Aluminum+Air	IP67	Infrared	<100mA	ATXEXT	10ms	A12.18
Options: (2)PNP/NO+NC & 4-20mA											

Fiber Optic Micro-Controller with Teach In



Fiber Optics

SENSOR SERIES	CABLE	CONNECTOR(S)	RANGE	HOUSING	LED	LOAD	PARTS	SWITCH	CDROM	
4 Wire 10-30VDC Fiber Optics Controller		2m cable M8	Max Range 20-200mm	Housing PBTP	IP IP64	Led Infrared	Load Current <25mA	Series PFX	Frequency 1.5KHz	Specs PFX.1
Options: PNP/NO+NC, NPN/NO+NC										
Fiber Optics Controller with Teach In	2m cable	M8	20-200mm	PBTP	IP64	Infrared	<25mA	PFY	1.5KHz	PFX.2
Options: PNP/NO+NC, NPN/NO+NC										

Cables & Connectors



Cables

SENSOR SERIES	CABLE	CONNECTOR(S)	MATERIAL	TEMP	CONDUCTORS	DIAMETER	PARTS	CDROM
M8 CONNECTOR			Housing Material	Temperature	Conductors	Cable Diameter	Series	Specs
M8 Standard*	3	2/5/7/10 meters	CEI 2022 II	-25--+80C	.34mm	5mm	IC08C302	IC8.1
M8 Preferred*	3	2/5/7/10 meters	PUR	-25--+80C	.25mm	5mm	IC08P302	IC8.2
M8 Standard*	4	2/5/7/10 meters	CEI 2022 II	-25--+80C	.34mm	5mm	IC08C402	IC8.3
M8 Preferred*	4	2/5/7/10 meters	PUR	-25--+80C	.25mm	5mm	IC08P402	IC8.4
M12 CONNECTOR CABLE								
M12 Standard*	4	2/5/7/10 meters	CEI 2022 II	-25--+80C	.34mm	5mm	IC12C402	IC12.1
M12 Preferred*	4	2/5/7/10 meters	PUR	-25--+80C	.25mm	5mm	IC12P402	IC12.2
M12 Standard*	4	2/5/7/10 meters	CEI 2022 II	-25--+80C	.25mm	5mm	IC12C4DL02	IC12.3
M12 Preferred*	4	2/5/7/10 meters	PUR	-25--+80C	.25mm	5mm	IC12P4DL02	IC12.4
M12 Standard 90**	5	2/5/7/10 meters	CEI 2022 II	-25--+80C	.25mm	5mm	IC12C4AL02	IC12.5
M12 Preferred 90**	5	2/5/7/10 meters	PUR	-25--+80C	.25mm	5mm	IC12P4AL02	IC12.6

*Also available in a 90 degree connector
 **Available only in a 90 degree connector



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