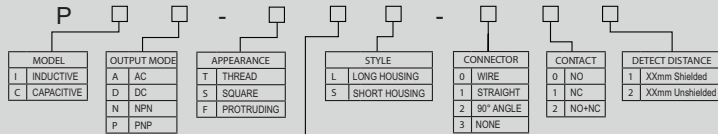
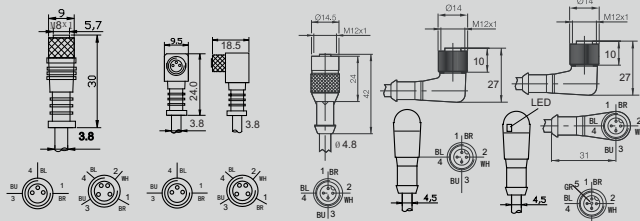


ORDERING CODE



THREAD DIMENSION		SQUARED DIMENSION		PROTRUDING DIMENSION	
5	M5 Cylinder	17	17mm Square	36	36mm Diameter
8	M8 Cylinder	18	18mm Square	42	42mm Diameter
12	M12 Cylinder	20	20mm Square	47	47mm Diameter
18	M18 Cylinder	30	30mm Square	50	50mm Diameter
30	M30 Cylinder	40	40mm Square	54	54mm Diameter
		41	41mm Square	60	60mm Diameter
				80	80mm Diameter
				100	100mm Diameter
				120	120mm Diameter

CONNECTOR DIMENSIONS



PT NUMBER	OPTIONAL CONNECTORS DESCRIPTION
ST8-3-200	M8 Straight, 3 Way, 2m cable
ST8-4-200	M8 Straight, 4 Way, 2m cable
ST8-3-500	M8 Straight, 3 Way, 5m cable
ST8-4-500	M8 Straight, 4 Way, 5m cable
RA8-3-200	M8 Right angle, 3 Way, 2m cable
RA8-4-200	M8 Right angle, 4 Way, 2m cable
RA8-3-500	M8 Right angle, 3 Way, 5m cable
RA8-4-500	M8 Right angle, 4 Way, 5m cable
ST12-4-200	M12 Straight, 4 Way, 2m cable
ST12-4-500	M12 Straight, 4 Way, 5m cable
RA12-4-200	M12 Right angle, 4 Way, 2m cable
RA12-4-500	M12 Right angle, 4 Way, 5m cable
RA12-4-200L	M12 R angle LED, 5 Way, 2m cable

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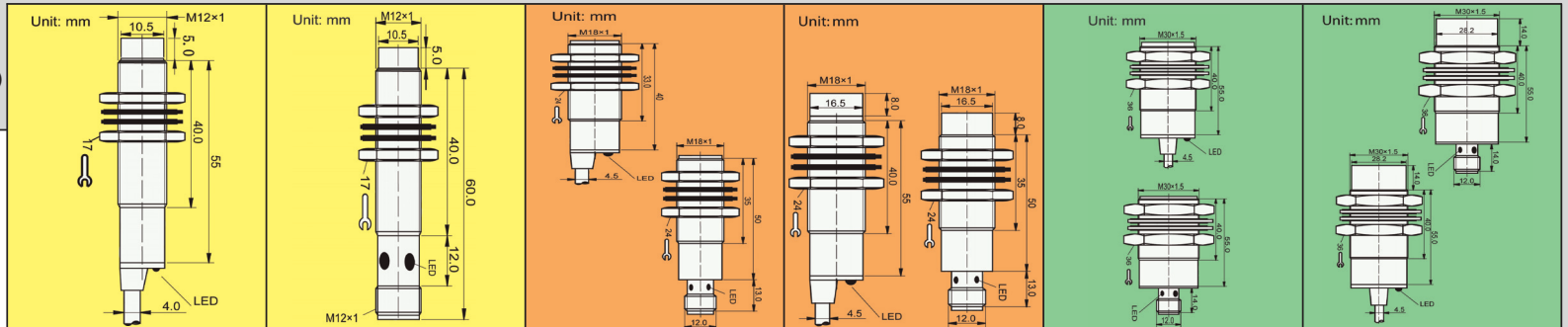
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Capacitive Proximity Switches Threaded Series



Threaded Capacitive Proximity Sensors

* Connector Option (2m straight Standard)
(S) Short body = 40mm or less



PNP	DC 3 Wires	NO	PCP-T12L-002	PCP-T12L-*02	PCP-T18L(S)-*01	PCP-T18L-*02	PCP-T30L-*01	PCP-T30L-*02
		NC	PCP-T12L-012	PCP-T12L-*12	PCP-T18L(S)-*11	PCP-T18L-*12	PCP-T30L-*11	PCP-T30L-*12
	DC 4 Wires	NO + NC			PCP-T18L(S)-*21	PCP-T18L-*22	PCP-T30L-*21	PCP-T30L-*22
NPN	DC 3 Wires	NO	PCN-T12L-002	PCN-T12L-*02	PCN-T18L(S)-*01	PCN-T18L-*02	PCN-T30L-*01	PCN-T30L-*02
		NC	PCN-T12L-012	PCN-T12L-*12	PCN-T18L(S)-*11	PCN-T18L-*12	PCN-T30L-*11	PCN-T30L-*12
	DC 4 Wires	NO + NC			PCN-T18L(S)-*21	PCN-T18L-*22	PCN-T30L-*21	PCN-T30L-*22
DC 2 Wires		NO						
		NC						
AC 2 Wires		NO				PCA-T18L-*02		PCA-T30L-*02
		NC				PCA-T18L-*12		PCA-T30L-*12
Type			M12 x 1	M12 x 1	M18 x 1	M18 x 1	M30 x 1	M30 x 1
Installation			Nonflush (Unshielded)	Nonflush (Unshielded)	Flush (Shielded)	Nonflush (Unshielded)	Flush (Shielded)	Nonflush (Unshielded)
Mounting Distance			4.0mm	4.0mm	5.0mm	8.0mm	15.0mm	25.0mm
Detection Distance			0...3.2mm	0...3.2mm	0...4.0mm	0...6.4mm	0...13.5mm	0...13.5mm
Rated operational voltage (DC/AC)			24V DC / 220V AC	24V DC / 220V AC	24V DC / 220V AC	24V DC / 220V AC	24V DC / 220V AC	24V DC / 220V AC
Supply voltage (DC/AC)			10-30V DC / 90-250V AC	10-30V DC / 90-250V AC	10-30V DC / 90-250V AC	10-30V DC / 90-250V AC	10-30V DC / 90-250V AC	10-30V DC / 90-250V AC
Voltage drop (DC/AC)			≤2V	≤2V	≤2V	≤2V	≤2V	≤2V
Rated insulation voltage			≥20MΩ	≥20MΩ	≥20MΩ	≥20MΩ	≥20MΩ	≥20MΩ
Load current capacity (DC/AC)			200mA / 300mA	200mA / 300mA	200mA / 300mA	200mA / 300mA	200mA / 300mA	200mA / 300mA
Off state current (NPN/PNP)			≤11mA	≤11mA	≤11mA	≤11mA	≤11mA	≤11mA
Leak current			≤20μA	≤20μA	≤20μA	≤20μA	≤20μA	≤20μA
Against polarity reversal			YES	YES	YES	YES	YES	YES
Short circuit protected			NO	NO	YES	YES	YES	YES
Repeated accuracy			≤5%	≤5%	≤5%	≤5%	≤5%	≤5%
Ambient temperature range (°C)			-15...60°	-15...60°	-15...60°	-15...60°	-15...60°	-15...60°
Frequency (DC 4/3/2 wires / AC 2 wires)			30Hz / 10Hz	30Hz / 10Hz / 10Hz	30Hz / 10Hz / 10Hz	30Hz / 10Hz / 10Hz	30Hz / 10Hz / 10Hz	30Hz / 10Hz / 10Hz
Function indication			Red LED Indicator	Red LED Indicator	Red LED Indicator	Red LED Indicator	Red LED Indicator	Red LED Indicator
IP rating			67	67	67	67	67	67
Housing material			Nickel plated Brass	Nickel plated Brass	Nickel plated Brass	Nickel plated Brass	Nickel plated Brass	Nickel plated Brass
Material of sensing face			ABS	ABS	ABS	ABS	ABS	ABS
Number of wires x gauge / connector			12x0.15	/	16x0.15	16x0.15	16x0.15	16x0.15
Standard cable length			2m	/	2m	2m	2m	2m
Plug in connector			/	ST12/200 (standard)	ST12/200 (standard)	ST12/200 (standard)	ST12/200 (standard)	ST12/200 (standard)