

Sensors & Transducers

Proximity Switch-Inductive

Detailed product specifications are available on: us.100y.com.tw



Subminiature, FLat-Pack DC Sensor Fits Tight Spaces

- Watertight construction conforms to IP67
- Space-saving Mounting area, as small as 10 x 27mm (0.39 x 1.06 in), is ideal for conveyor wall mounting
- Mounts directly onto metal base or rail
- Rugged diecast metal or low-profile plastic housing models available
- Choose NPN or PNP output models
- Ready to use: Prewired with 2m (6.56 ft) length cable and mounting bracket included with TL-W3M sensors

ITEM	TL-W3MC1
Consume current	DC24V >15mA no burthen
Working environmental temperature	-25~+70°C (no ice over)
Working environmental humidity	35~95%RH
Weight	About 30g

Part No.	Product No.	Manufacturer	Description	Size	Sensing Distance	Output
14575	TL-W3MC1	OMRON	Proximity Switch-Inductive	10*27*6mm	3mm±10%	NPN

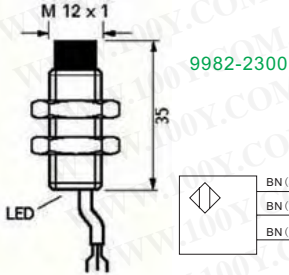


ITEM	DC Type	AC Type
Working voltage	10-30VDC	90-250VAC
Consume current	15mA max	2mA max
Output current	150mA max	3-200mA
Working temperature	-20 to 70°C	
Cable length	2N	

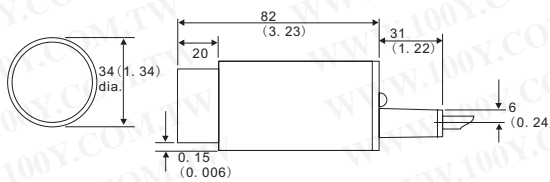
Part No.	Product No.	Manufacturer	Description	Sensing Distance
48064	TP-SM5N1	TEND	TEND_Prismatic-proximity switches	5MM

Proximity Switch-Capacitive

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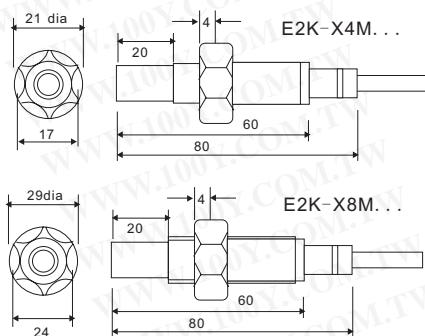
Part No.	Product No.	Manufacturer	Description	Size	Sensing Distance	Output
30621	9982-2300	Pulsotroni	Pulsotronic_Proximity Switch-Inductive	4.0mm		
17679	APS-70-6N	KOYO	Proximity Switch-Capacitive	M3*6*34.5	3mm	NPN



Part number	E2K-C25M□□
Sensor type	Capacitive
Supply voltage	10 to 40 VDC, 10% max. Permissible ripple peak to peak
Current consumption	10 mA max. at 12 VDC 15 mA max. at 24 VDC
Detectable object type	Metallic and non-metallic objects
Mounting	Bracket Y92E-A34 included
Weight with cable	Approx. 200 g (7.0 oz.)
Ambient operating temperature	-25° to 70°C (-13° to 158°F)
Vibration	10 to 55 Hz, 1.5 mm (0.06 in) double amplitude
Shock	Approx. 50 G's

- Permits non-contact detection of metallic and non-metallic objects such as glass, wood, water, oil and plastic
- Allows indirect detection of materials inside non-metallic containers
- Adjustable detecting distance from 3 to 25 mm
- Built-in amplifier accepts wide range of supply voltages and switches up to 200 mA
- Mounting bracket included

Part No.	Product No.	Manufacturer	Description	Size	Sensing Distance	Output
17125	E2K-C25ME1	OMRON	Proximity Switch-Capacitive	φ34	3~25mm	AC-3 Conductive NPN ON



Model	E2K-X4ME(F)	E2K-X8ME(F)
Current consumption		15 mA
Control output	200 mA	10 to 200 mA
Sensitivity	Fixed	
Circuit protection	Reverse connection protection, surge absorber	Surge absorber
Differential travel	4% to 20% of sensing distance	

- Detects almost any kind of metallic and nonmetallic objects, including glass, lumber, water, oil, and plastic.
- Three choices of threaded cylinder sizes for easy installation: M12, M18, and M30
- All models equipped with an LED indicator for operation monitoring. Fixed sensing distance requires no sensitivity adjustment.

Part No.	Product No.	Manufacturer	Description	Size	Sensing Distance	Output
19122	E2K-X4ME1	OMRON	Proximity Switch-Capacitive	M12	4mm	NPN 3*AC
29297	E2K-X8ME1	OMRON	Proximity Switch-Capacitive	M18	8mm	NPN 3*DC



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