XS7F1A1PAL01M8

inductive sensor XS7 15x32x8 - PBT - Sn5mm - 12..24VDC - M8 0.15m





Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 15 x 32 x 8
Size	8 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	3-wire
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	3 pins M8 remote male connector
Cable length	0.49 ft (0.15 m)
[Us] rated supply voltage	1224 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA DC overload and short-circuit protection
IP degree of protection	IP68 conforming to IEC 60529

Complementary

Complementary	
Detection face	Frontal
Front material	PBT
Operating zone	0.000.16 in (04 mm)
Differential travel	115% of Sr
Wire insulation material	PvR
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	1036 V DC
Switching frequency	<= 2000 Hz
Maximum voltage drop	<2 V (closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	5 ms
Maximum delay response	0.1 ms
Maximum delay recovery	0.1 ms
Marking	CE
Depth	0.31 in (8 mm)
Height	1.26 in (32 mm)
Maximum Width	0.59 in (15 mm)
Net Weight	0.10 lb(US) (0.045 kg)

Environment

Product certifications	C-tick CSA UL	
Ambient air temperature for operation	-13158 °F (-2570 °C)	
Ambient air temperature for storage	-40185 °F (-4085 °C)	
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 1055 Hz) conforming to IEC 60068-2-6	
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27	

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY	
Discount Schedule	DS2	
GTIN	00785901416050	
Nbr. of units in pkg.	1	
Package weight(Lbs)	0.07 lb(US) (0.03 kg)	
Returnability	No	
Country of origin	ID	

Packing Units

Package 1 Height	0.420 dm	
Package 1 width	0.970 dm	
Package 1 Length	0.670 dm	

Offer Sustainability

Sustainable offer status	Green Premium product	
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	
REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) [☑] EU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	₫Yes	
Environmental Disclosure	Product Environmental Profile	

Contractual warranty

Warranty	18 months	