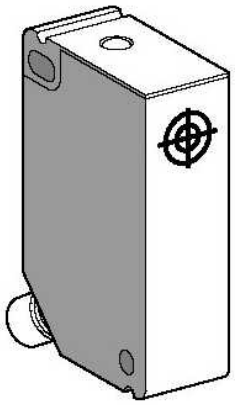
Product data sheet
Characteristics

XS7G12PA140S
inductive sensor XS7 12x40x26 - plastic - Sn2mm - 12..24VDC - M8

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS7
Sensor design	Form 12 x 40 x 26
Size	26 mm
Body type	Fixed
Enclosure material	Plastic
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.08 in (2 mm)
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	3 pins M8 male connector
[Us] rated supply voltage	12...24 V DC
Switching capacity in mA	<= 100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	Lateral
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Front material	Plastic
Operating zone	0...0.06 in (0...1.6 mm)
Differential travel	3...20% of Sr
Repeat accuracy	<= 10% of Sr
Output circuit type	DC
Status LED	1 LED yellow for output state
Supply voltage limits	10...30 V DC
Switching frequency	<= 2000 Hz
Voltage drop	<= 1.8 V at closed state
Current consumption	0...10 mA at no-load
Delay first up	<= 4 ms
Delay response	<= 0.5 ms
Delay recovery	<= 1 ms
Marking	CE
Depth	1.22 in (31 mm)
Height	1.77 in (45 mm)
Width	0.47 in (12 mm)

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Environment

Product certifications	CSA UL
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 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	003389110776591
Nbr. of units in pkg.	1
Package weight(Lbs)	0.07
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0836 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

Contractual warranty

Period	18 months

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Authorized Distributor

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