

# XS8G12PA140

inductive sensor XS8 12x40x26 - plastic -  
Sn4mm - 12..24VDC - cable 2m



## Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS8
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	4 mm
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	Cable
Cable length	2 m
Wire insulation material	PVC
[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	Non flush mountable
Material	Plastic
[Sd] sensing range	> 2.5...4 mm
Operating zone	0...3.2 mm
Differential travel	3...20% of Sr
Repeat accuracy	≤ 10% of Sr
Output circuit type	DC
Cable composition	3 x 0.34 mm <sup>2</sup>
Status LED	1 LED yellow for output state
Supply voltage limits	10...30 V DC
Switching frequency	≤ 1000 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
Length	40 mm

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## Environment

Product certifications	CSA UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-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
RoHS EUR conformity date	0836
RoHS EUR status	Compliant

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