



Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Welding machine
Sensor name	XSL
Sensor design	Cylindrical Ø 12 mm plain
Size	55 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	3 mm
Discrete output function	1 NO
Electrical connection	Remote male connector M12, 4 pins
Cable length	0.8 m
[Us] rated supply voltage	12...48 V DC
Switching capacity in mA	1.5...100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	Frontal
Detector flush mounting acceptance	Flush mountable
Material	Metal
Front material	Plastic
Operating zone	0...2.4 mm
Differential travel	1...15 % of Sr
Repeat accuracy	<= 3 % of Sr
Output circuit type	DC
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...58 V DC

Maximum residual current	0.5 mA open state
Switching frequency	<= 800 Hz
Maximum voltage drop	<4 V (closed)
Maximum delay first up	5 ms
Maximum delay response	0.5 ms
Maximum delay recovery	0.5 ms
Threaded length	9 mm
Height	12 mm
Length	55 mm
Product weight	0.065 kg

Environment

Product certifications	CCC
Ambient air temperature for operation	-25...70 °C

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
-------------------	--

Contractual warranty

Warranty	18 months
----------	-----------