



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 18 mm plain
Size	45 mm
Body type	Fixed
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	10 mm
Discrete output function	1 NO
Electrical connection	Remote male connector M12, 4 pins
Cable length	0.15 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	Non flush mountable
Material	Metal
Front material	Teflon
Operating zone	0...8 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	<= 100 Hz
Maximum voltage drop	<4 V (closed)
Maximum delay first up	10 ms
Maximum delay response	10 ms
Maximum delay recovery	2 ms
Threaded length	0 mm
Height	18 mm
Length	45 mm
Product weight	0.05 kg

Environment

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

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months
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