XS1M18PC410P

inductive sensor XS1 M18 - L60mm - brass - Sn5mm - DC - cable 2m

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



Main

Range of product Series name General purpose Sensor type Inductive proximity sensor Device application Mobile equipment Sensor name XS1 Sensor design Cylindrical M18 Size 60 mm Body type Fixed Detector flush mounting acceptance Material Metal Type of output signal Discrete Wiring technique ISn] nominal sensing distance Discrete output function Discrete output type DC Discrete output type DC Discrete output type Electrical connection Cable Cable length Capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529 IP69K conforming to DIN 40050			
Sensor type Inductive proximity sensor Device application Mobile equipment Sensor name XS1 Sensor design Cylindrical M18 Size 60 mm Body type Fixed Detector flush mounting acceptance Material Metal Type of output signal Discrete Wiring technique 4-wire [Sn] nominal sensing distance Discrete output function 1 NO + 1 NC Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529	Range of product	OsiSense XS	
Device application Mobile equipment Sensor name XS1 Sensor design Cylindrical M18 Size 60 mm Body type Fixed Detector flush mounting acceptance Material Metal Type of output signal Discrete Wiring technique 4-wire [Sn] nominal sensing distance Discrete output function 1 NO + 1 NC Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529	Series name	General purpose	
Sensor name XS1 Sensor design Cylindrical M18 Size 60 mm Body type Fixed Detector flush mounting acceptance Material Metal Type of output signal Discrete Wiring technique 4-wire [Sn] nominal sensing distance Discrete output function 1 NO + 1 NC Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529	Sensor type	Inductive proximity sensor	
Sensor design Cylindrical M18 Size 60 mm Body type Fixed Detector flush mounting acceptance Material Metal Type of output signal Wiring technique [Sn] nominal sensing distance Discrete output function Discrete output function 1 NO + 1 NC Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529	Device application	Mobile equipment	
Size 60 mm Body type Fixed Detector flush mounting acceptance Material Flush mountable Type of output signal Discrete Wiring technique 4-wire [Sn] nominal sensing distance Discrete output function 1 NO + 1 NC Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529	Sensor name	XS1	
Body type Fixed Detector flush mounting acceptance Material Metal Type of output signal Discrete Wiring technique 4-wire [Sn] nominal sensing distance Discrete output function 1 NO + 1 NC Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529	Sensor design	Cylindrical M18	
Detector flush mounting acceptance Material Metal Type of output signal Discrete Wiring technique 4-wire [Sn] nominal sensing distance Discrete output function 1 NO + 1 NC Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529	Size	60 mm	
acceptance Material Metal Type of output signal Discrete Wiring technique 4-wire [Sn] nominal sensing distance Discrete output function 1 NO + 1 NC Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529	Body type	Fixed	
Type of output signal Wiring technique 4-wire [Sn] nominal sensing distance Discrete output function Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection Discrete 1 NO + 1 NC Cable Cable PNP Electrical connection Cable Cable 1224 V DC with reverse polarity protection Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529		Flush mountable	
Wiring technique [Sn] nominal sensing distance Discrete output function Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection 4-wire 4-wire 0.2 in (5 mm) 1 NO + 1 NC Output circuit type DC Cable PNP Electrical connection Cable	Material	Metal	
[Sn] nominal sensing distance Discrete output function 1 NO + 1 NC Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529	Type of output signal	Discrete	
distance Discrete output function 1 NO + 1 NC Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529	Wiring technique	4-wire	
Output circuit type DC Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529		0.2 in (5 mm)	
Discrete output type PNP Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage 1224 V DC with reverse polarity protection Switching capacity in MA IP degree of protection IP67 IP65 conforming to IEC 60529	Discrete output function	1 NO + 1 NC	
Electrical connection Cable Cable length 6.56 ft (2 m) [Us] rated supply voltage Switching capacity in mA IP degree of protection Cable	Output circuit type	DC	
Cable length 6.56 ft (2 m) [Us] rated supply voltage 1224 V DC with reverse polarity protection Switching capacity in mA IP degree of protection IP67 IP65 conforming to IEC 60529	Discrete output type	PNP	
[Us] rated supply voltage Switching capacity in mA IP degree of protection 1224 V DC with reverse polarity protection <= 200 mA with overload and short-circuit protection IP67 IP65 conforming to IEC 60529	Electrical connection	Cable	
Switching capacity in mA	Cable length	6.56 ft (2 m)	
mA IP degree of protection IP67 IP65 conforming to IEC 60529		1224 V DC with reverse polarity protection	
IP65 conforming to IEC 60529	0 . ,	<= 200 mA with overload and short-circuit protection	
	IP degree of protection	IP65 conforming to IEC 60529	

Complementary

Complementary	
Safety level	SILCL 2 conforming to IEC 62061 PL = d conforming to EN/ISO 13849-1 SIL 2 conforming to EN/IEC 61508
Safety reliability data	MTTFd = 1810 years PFHd = 62.9E-9 1/h SFF = 92 % DC = 74 % with appropriate safety controller
Service life	20 yr
Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	00.16 in (04 mm)
Differential travel	115% of Sr
Cable composition	4 x 0.22 mm²
Wire insulation material	PUR
Status LED	1 LED yellow output state
Supply voltage limits	936 V DC
Switching frequency	<= 2000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	010 mA at no-load

Delay first up	<= 5 ms	
Delay response	<= 0.15 ms	
Delay recovery	<= 0.35 ms	
Marking	CE	
Threaded length	2.01 in (51 mm)	
Height	0.71 in (18 mm)	
Length	2.36 in (60 mm)	
Product weight	0.26 lb(US) (0.12 kg)	

Environment

Standards	EN/ISO 13849-1 IEC 62061	
Product certifications	CSA TÜV UL E2	
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 11 ms conforming to IEC 60068-2-27	

Ordering and shipping details

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Category	22486 - SENSORS, PROXIMITY	
Discount Schedule	DS2	
GTIN	003389110951936	
Nbr. of units in pkg.	1	
Package weight(Lbs)	0.25	
Returnability	N	
Country of origin	FR	

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1010 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity	
Product environmental profile	Available	
Product end of life instructions	Available	
California proposition 65	WARNING: This product can expose you to chemicals including:	
Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	
Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.	
More information	For more information go to www.p65warnings.ca.gov	

Contractual warranty

Warranty period	18 months	

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Authorized Distributor

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