



inductive sensor XS4 M30 - L60mm - PPS - Sn15mm - 12..24VDC - cable 2m

Local distributor code: 21339514 XS4P30KP340

EAN Code: 3389110515022

Main

Range of product Telemecanique Inductive proximity sensors XS Series name General purpose Sensor type Inductive proximity sensor Sensor name XS4 Sensor design Cylindrical M30 Size 60 mm Body type Fixed Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring technique 4-wire [Sn] nominal sensing distance Discrete output function 1 NO or 1 NC programmable Output circuit type DC Discrete output type PNP and NPN Electrical connection Cable Cable length 2 m [Us] rated supply voltage 1224 V DC with reverse polarity protection Switching capacity in mA <= 200 mA with overload and short-circuit protection IP 6 degree of protection IP 100 I		
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Output circuit type DC Discrete output type PNP and NPN Electrical connection Cable Cable length 2 m [Us] rated supply voltage 1224 V DC with reverse polarity protection Switching capacity in mA <= 200 mA with overload and short-circuit protection	[Sn] nominal sensing distance	15 mm
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[Us] rated supply voltage 1224 V DC with reverse polarity protection Switching capacity in mA <= 200 mA with overload and short-circuit protection	Electrical connection	Cable
Switching capacity in mA <= 200 mA with overload and short-circuit protection	Cable length	2 m
	[Us] rated supply voltage	1224 V DC with reverse polarity protection
IP degree of protection IP68 double insulation conforming to IEC 60529	Switching capacity in mA	<= 200 mA with overload and short-circuit protection
	IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure material	PPS
Operating zone	012 mm
Differential travel	115% of Sr

Cable composition	4 x 0.34 mm ²
Wire insulation material	PVC
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	1036 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2.6 V (closed)
Current consumption	010 mA no-load
Maximum delay first up	5 ms
Maximum delay response	0.3 ms
Maximum delay recovery	0.7 ms
Marking	CE
Threaded length	51 mm
Height	30 mm
Length	60 mm
Net weight	0.205 kg

Environment

Product certifications	UL CSA
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4085 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 1055 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.1 cm
Package 1 Width	9.5 cm
Package 1 Length	13.0 cm
Package 1 Weight	130.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	44
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6.204 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)

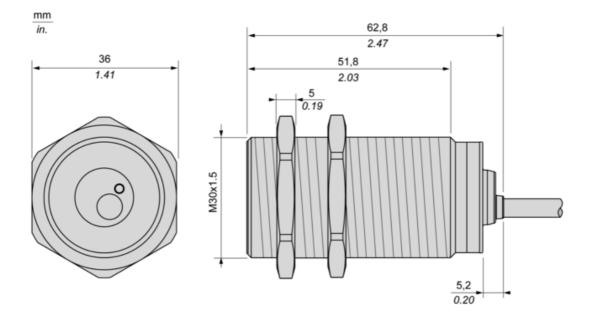
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Contractual warranty	
Warranty	18 months

Product datasheet

XS4P30KP340

Dimensions Drawings

Dimensions

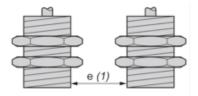


XS4P30KP340

Mounting and Clearance

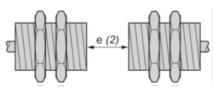
Minimum Mounting Distances

Side by side

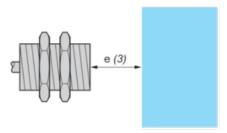


e (1) ≥ 60 mm/2.36 in.

Face to face

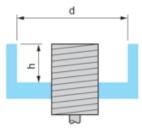


e (2) ≥ 180 mm/7.09 in. Facing a metal object



e (3) ≥ 45 mm/1.77 in.

Mounted in a metal support



d ≥ 90 mm/3.54 in.

h ≥ 30 mm/1.18 in.

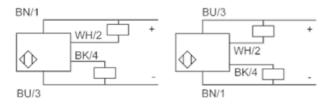
Product datasheet

XS4P30KP340

Connections and Schema

Wiring Schemes

4-Wire DC, PNP/NPN, NO or NC Output

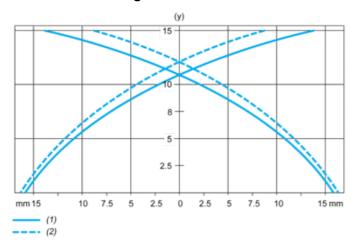


BU : Blue
BN : Brown
BK : Black
WH : White

Performance Curves

Performance Curves

Standard Steel Target: 45x45x1 mm



- (1) Pick-up points
- (2) Drop-out points (object approaching from the side)
- (y) Sensing distance in mm

Recommended replacement(s)