XS8C4A1DPN12

Inductive proximity sensors XS, inductive sensor XS8 40x40x117, PBT, Sn20 mm, 12...48 VDC, terminals





Main

Range of Product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor Type	Inductive proximity sensor
Device Application	-
Sensor name	XS8
Sensor design	Form 40 x 40 x 117
Size	117 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure Material	PBT
Type of output signal	Discrete
Wiring Technique	2-wire
[Sn] nominal sensing distance	0.79 in (20 mm)
Discrete output function	1 NO or 1 NC programmable
Output circuit type	DC
Electrical connection	Screw-clamp terminals, 4 x 1.5 mm²
[Us] rated supply voltage	1248 V DC reverse polarity protection
Switching capacity in mA	1.5100 mA overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529 IP65 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Complementary		
Detection face	5 positions turret head	
Front material	PBT	
Operating zone	0.000.63 in (016 mm)	
Differential travel	315% of Sr	
Repeat accuracy	<= 3% of Sr	
Cable entry number	1 tapped entry 1/2" NPT cable gland	
Status LED	Output state 1 LED yellow)	
Supply voltage limits	1058 V DC	
Maximum residual current	0.6 mA open state	
Switching frequency	<= 300 Hz	
Maximum voltage drop	<4.2 V closed)	
Maximum delay first up	7.5 ms	
Maximum delay response	1.2 ms	
Maximum delay recovery	1.8 ms	
Marking	CE	
Height	1.57 in (40 mm)	
Length	1.57 in (40 mm)	
Width	4.61 in (117 mm)	
Net Weight	0.54 lb(US) (0.244 kg)	

Environment

Product Certifications	CCC UL CSA	
Ambient Air Temperature for Operation	-13158 °F (-2570 °C)	
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)	
Vibration resistance	25 gn +/- 2 mm 1055 Hz)IEC 60068-2-6	
Shock resistance	50 gn 11 msEN 60068-2-27	

Ordering and shipping details

Category	22486-SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	3389119058438
Nbr. of units in pkg.	1
Package weight(Lbs)	8.61 oz (244.0 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE	
Package 1 Height	5.71 in (14.5 cm)	
Package 1 width	1.97 in (5 cm)	
Package 1 Length	1.97 in (5 cm)	

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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

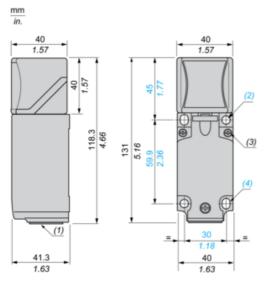
Contractual warranty

Warranty	18 months

Product data sheet Dimensions Drawings

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Dimensions

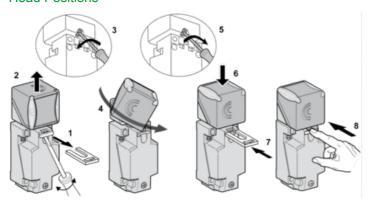


- (1): 1/2" NPT cable gland.
- (2) : 2 holes Ø 5,45 mm / Ø 0.21 in. Tightening torque: < 1,5 Nm / < 13.3 lb-in.
- (3) : 3 screws M3,5. Tightening torque: < 1,2 Nm / < 10.6 lb-in.
- (4) : 2 alongated holes 5,4 x 7,4 mm / 0.21 x 0.29 in. Tightening torque: < 1,5 Nm / < 13.3 lb-in".

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Mounting

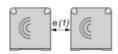
Head Positions



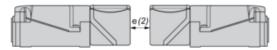
Setting-up Precautions

Minimum Mounting Distances (mm)

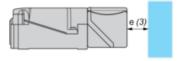
Side by Side



e (1) ≥ 80 Face to Face



e (2) ≥ 160 Facing a Metal Object



e (3) ≥ 60

Product data sheet Connections and Schema

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Wiring Schemes

2-Wire DC (Non Polarised)

