## XS7C4A1DPG13

Inductive proximity sensors XS, inductive sensor XS7 40x40x117, PBT, Sn15 mm, 12...48 VDC, terminals



#### Main

Telemecanique Inductive proximity sensors XS
General purpose
Inductive proximity sensor
-
XS7
Form 40 x 40 x 117
117 mm
Fixed
Flush mountable
Plastic
PBT
Discrete
2-wire
15 mm
1 NO or 1 NC programmable
DC
Screw-clamp terminals, 4 x 1.5 mm²
1248 V DC with reverse polarity protection
1.5100 mA with overload and short-circuit 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	012 mm
Differential travel	315% of Sr
Repeat accuracy	<= 3% of Sr
Cable entry number	1 tapped entry for Pg 13.5 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	40 mm
Length	40 mm
Width	117 mm
Net weight	0.244 kg

#### **Environment**

Product certifications	CCC[RETURN]CSA[RETURN]UL
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

r doking office	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.5 cm
Package 1 Width	5.0 cm
Package 1 Length	5.0 cm
Package 1 Weight	244.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	28
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	7.266 kg
Unit Type of Package 3	P06
Number of Units in Package 3	448
Package 3 Height	80.0 cm
Package 3 Width	80.0 cm
Package 3 Length	60.0 cm
Package 3 Weight	125.54 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
Circularity Profile	No need of specific recycling operations
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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

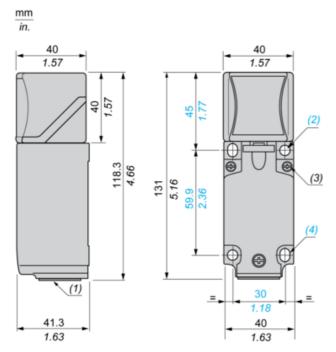
#### Contractual warranty



# Product data sheet Dimensions Drawings

## XS7C4A1DPG13

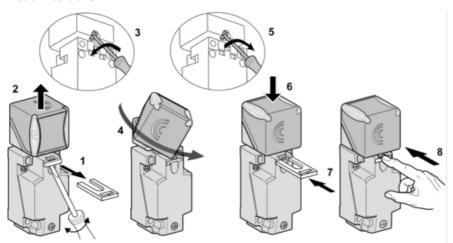
#### **Dimensions**



- (1): Pg 13.5 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".

#### Mounting

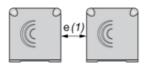
#### **Head Positions**



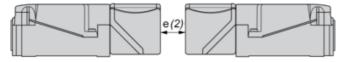
## Setting-up Precautions

#### Minimum Mounting Distances (mm)

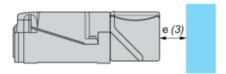
Side by Side



e (1) ≥ 60 Face to Face



e (2) ≥ 120 Facing a Metal Object



e (3) ≥ 45

## Product data sheet Connections and Schema

## XS7C4A1DPG13

## Wiring Schemes

#### 2-Wire DC (Non Polarised)

