

Product data sheet

Specifications



LIKE VM1-PNO-DEMO1-Q SCHNEIDER

XX7V1A1PAM12D

! Discontinued on: 08 December 2020

! Discontinued

Main

Range of product	Telemecanique Ultrasonic sensors XX
Sensor type	Ultrasonic sensor
Series name	General purpose
Sensor name	XX7
Sensor design	Cylindrical M12
Detection system	Diffuse
Material	Plastic
Type of output signal	Discrete
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Supply voltage limits	10...28 V DC
Maximum switching current	100 mA with overload and short-circuit protection
Maximum voltage drop	1 V
Maximum delay first up	20 ms
Marking	CE

Environment

Standards	IEC 60947-5-2
Product certifications	UL
Ambient air temperature for operation	-20...65 °C
Ambient air temperature for storage	-40...80 °C
Vibration resistance	+/-1 mm conforming to IEC 60068-2-6 (f = 10...55 Hz)
Shock resistance	30 gn in all 3 axes for 11 ms conforming to IEC 60068-2-27
Resistance to electrostatic discharge	8 kV level 4 conforming to IEC 61000-4-2

Resistance to electromagnetic fields 10 V/m level 3 conforming to IEC 61000-4-3

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 1

Offer Sustainability

EU RoHS Directive Not applicable, out of EU RoHS legal scope

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

Recommended replacement(s)

XX7V1A1PAM12D is replaced by:

1x



Ultrasonic sensors XX, ultrasonic sensor parallelepipedic, Sn 0.5 m, NO, M12 connector
XX7V1A1PAM12