

Product data sheet

XUM5ALAYM8

Photoelectric miniature sensor XUM, diffuse, laser, contrast, plastic, Sn 250 mm, 24 V, M8, NO/NC, IO-Link

Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application packaging
Sensor name	XUM
Electronic sensor type	Photo-electric sensor
Sensor design	Miniature
Product specific application	Contrast mark reader diffuse laser
ETIM classification	ETIM 9 - EC001821 - Diffuse reflective photoelectric sensor
Material	Plastic
Lens material	PMMA
Enclosure material	ABS
[Sn] nominal sensing distance	150-150 mm reflex
Maximum sensing distance	250 mm diffuse
Detection system	Diffuse
Delay response	125 µs
Indivisible sale quantity	1

Complementary

Sensing range	1...250 mm
Electrical connection	1 male connector M8, 4 pins
Supply voltage limits	10-30 V DC
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply circuit type	DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Current consumption	<= 30 mA no-load
Emission	Red laser diffuse
Setting-up	Sensitivity adjustment with teach mode
Output type	Solid state
Type of output signal	Discrete
Add on output	Without, 100 mA

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This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
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Discrete output type	IOLINK PNP/NPN autodetect
Discrete output function	1 NO or 1 NC programmable
Status LED	1 LED (green) for power ON
Delay first up	300 ms
Delay recovery	300 ms
Height	34 mm
Width	12 mm
Length	20 mm
Product weight	0.018 kg

Environment

IP degree of protection	IP67 conforming to IEC 60529
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for operation	-20-60 °C
Ambient air temperature for storage	-20...80 °C

Offer Sustainability

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. Fo more information go to www.P65Warnings.ca.gov

Warranty

Warranty	18 months

Packing Units

Country of origin	DE (Germany)
Unit type of package 1	PCE
Number of units in package 1	1
New Package 1 GTIN-13	3666916109243
Package 1 height	9.1 cm
Package 1 width	3.1 cm
Package 1 length	6.1 cm
Package 1 weight	0.018 kg
Unit type of package 2	S01
Number of units in package 2	20
New Package 2 GTIN 14	13666916109240
Package 2 height	15 cm
Package 2 width	15 cm

Package 2 length	40 cm
Package 2 weight	0.98 kg
Unit type of package 3	S02
Number of units in package 3	20
New Package 3 GTIN 14	23666916109247
Package 3 height	15 cm
Package 3 width	30 cm
Package 3 length	40 cm
Package 3 weight	0.98 kg