

XUMRAGAYM8

Photoelectric sensors XUMR, Contrast Mark reader, RGB, Sn 12mm, IO-Link, Connector M8



Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application packaging
Electronic sensor type	Photo-electric sensor
Sensor name	XUM
Sensor design	Miniature
Detection system	Diffuse
Material	Plastic
Type of output signal	Discrete
Supply circuit type	DC
Discrete output type	PNP/NPN autodetect IOLINK
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M8, 4 pins
Product specific application	Contrast mark reader
Emission	Red, blue and green diffuse
[Sn] nominal sensing distance	12 mm diffuse

Complementary

Enclosure material	ABS
Lens material	PMMA
Maximum sensing distance	15 mm diffuse
Output type	Solid state
Output function governance	NO/NC programmable
Add on output	Without, 100 mA
Add on input	Remote teaching
Status LED	1 LED (green) for power ON 1 LED (orange) for output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply voltage limits	10...30 V DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	10 kHz
Current consumption	<= 30 mA no-load
Maximum delay first up	300 ms
Maximum delay response	500 µs
Maximum delay recovery	300 ms
Setting-up	Sensitivity adjustment with teach mode Sensitivity by IO-Link
Height	34 mm
Length	20 mm
Width	12 mm
Net weight	0.017 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither TWSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Product certifications	CE[RETURN]UKCA[RETURN]cULus
Ambient air temperature for operation	-20...55 °C
Ambient air temperature for storage	-20...80 °C
IP degree of protection	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050-9

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.1 cm
Package 1 Width	3.1 cm
Package 1 Length	6.1 cm
Package 1 Weight	27 g
Unit Type of Package 2	S01
Number of Units in Package 2	30
Package 2 Height	15 cm
Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	1.045 kg

Contractual warranty

Warranty	18 months
----------	-----------