Product data sheet
Characteristics

XUMRAWAYM8
Photoelectric sensors XUMR, Contrast, Mark reader White, 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	<= 25 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

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	25 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	950 g

Contractual warranty

Warranty	18 months

Telemecanique
Sensors