Product data sheet
Characteristics

XUM8ABAYM8
Photoelectric sensors XUM8, BGS, Blue light, Sn 200mm, 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 with background suppression
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	Background suppression blue light
Emission	Blue light diffuse with background suppression
[Sn] nominal sensing distance	200 mm diffuse with background suppression

Complementary

Enclosure material	ABS
Lens material	PMMA
Maximum sensing distance	200 mm diffuse with background suppression
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	<= 700 Hz
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	0.014 kg

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Environment

Product certifications	CE[RETURN]UKCA[RETURN]cULus
Ambient air temperature for operation	-20…60 °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	22 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	895 g

Contractual warranty

Warranty	18 months

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