

Product data sheet

XUKCBLAYM12

Photoelectric sensor XUKC, KC, Color, Short, Sn 150 mm, IO-Link, Connector M12, stainless steel, NO/NC

Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	Application packaging
Sensor name	XUK
Electronic sensor type	Photo-electric sensor
Sensor design	Compact 50 x 50
Product specific application	Color detection
ETIM classification	ETIM 9 - EC001817 - Colour sensor
Material	Metal
Lens material	PMMA
Enclosure material	Die cast zinc alloy
[Sn] nominal sensing distance	120-120 mm diffuse
Maximum sensing distance	150 mm diffuse
Detection system	Diffuse
Delay response	180 µs
Indivisible sale quantity	1

Complementary

Sensing range	20...150 mm
Electrical connection	1 male connector M12 adjustable through 90°, 5 pins
Supply voltage limits	18-30 V DC
[Us] rated supply voltage	24 V DC with reverse polarity protection
Supply circuit type	DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Current consumption	<= 60 mA no-load
Emission	White LED diffuse
Setting-up	Sensitivity by IO-Link sensitivity by screen sensitivity adjustment with teach mode
Output type	Solid state
Type of output signal	Discrete

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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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Add on output	Without, 100 mA
Discrete output type	IOLINK PNP/NPN autodetect
Discrete output function	1 NO or 1 NC programmable
Status LED	1 LED (green/yellow) for power ON/status indicator
Delay first up	150 ms
Delay recovery	300 ms
Height	50.5 mm
Width	25 mm
Length	50.5 mm
Product weight	0.164 kg

Environment

IP degree of protection	IP67 conforming to IEC 60529, IP69K conforming to DIN 40050-9
Ambient air temperature for operation	-20...55 °C
Ambient air temperature for operation	-20-55 °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	3666916109434
Package 1 height	5 cm
Package 1 width	7 cm
Package 1 length	14.2 cm
Package 1 weight	0.017 kg
Unit type of package 2	S01
Number of units in package 2	8
New Package 2 GTIN 14	13666916109431
Package 2 height	15 cm

Package 2 width	15 cm
Package 2 length	40 cm
Package 2 weight	1.72 kg
Unit type of package 3	S02
Number of units in package 3	8
New Package 3 GTIN 14	23666916109438
Package 3 height	15 cm
Package 3 width	15 cm
Package 3 length	40 cm
Package 3 weight	1.72 kg