

XUB8APYWM12

Photoelectric sensors XU, Photo electric Sensor, Cylindrical, Plastic, Angled, Diffuse BGS, Smax 0.2 m, IO-Link, Connector M12

COMMERCIALISED

Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUB
Sensor design	Cylindrical M18
Detection system	Diffuse with background suppression
Material	Plastic
Line of sight type	90° lateral
Type of output signal	Discrete
Supply circuit type	DC
Wiring technique	4 wires
[Sn] nominal sensing distance	0.15-0.15 m diffuse with background suppression
Discrete output type	PNP/NPN autodetect IOLINK
Discrete output function	1 NO or 1 NC programmable
Electrical connection	1 male connector M12, 4 pins
Emission	Red LED diffuse with background suppression

Complementary

Enclosure material	PC/PBT
Lens material	PMMA
Output type	Discrete
Status LED	1 LED (green) for supply on/stability, 1 LED (orange) for output state
[Us] rated supply voltage	12...24 V DC with reverse polarity protection

Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Switching frequency	1000 Hz
Maximum voltage drop	<2 V (closed state)no-load
Current consumption	< 20 mA no load
Delay first up	300 MILLISECOND
Delay response	0.5 MILLISECOND
Delay recovery	0.5 MILLISECOND
Setting-up	Sensitivity by potentiometer sensitivity by IO-Link

Environment

Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 10-55 Hz)for every axis conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 11 ms) for for every axis conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529, IP65 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	4.2 CENTIMETER
Package 1 width	9.6 CENTIMETER
Package 1 length	6.6 CENTIMETER
Package 1 weight	60 GRAM

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