

Product data sheet

XUK8ABPXM12

Photoelectric miniature sensor XUK, BGS, blue light, plastic, 24 V, M12, PNP, 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	Miniature
Product specific application	Background suppression blue light
ETIM classification	ETIM 9 - EC001821 - Diffuse reflective photoelectric sensor
Material	Plastic
Lens material	PMMA
Enclosure material	ABS/PC
[Sn] nominal sensing distance	1200-1200 mm diffuse with background suppression
Maximum sensing distance	1200 mm diffuse with background suppression
Detection system	Diffuse with background suppression
Delay response	830 µs
Indivisible sale quantity	1

Complementary

Sensing range	3...1200 mm
Electrical connection	1 male connector M12, 4 pins
Supply voltage limits	10-30 V DC
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Supply circuit type	DC
Switching capacity in mA	<= 100 mA (overload and short-circuit protection)
Current consumption	<= 30 mA no-load
Emission	Blue light diffuse with background suppression
Setting-up	Sensitivity by potentiometer
Output type	Solid state
Type of output signal	Discrete
Add on output	Without, 100 mA

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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 TMSS Holding nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Discrete output type	PNP
Discrete output function	1 NO or 1 NC programmable
Status LED	1 LED (green) for power ON, 1 LED (orange) for output state
Delay first up	300 ms
Delay recovery	300 ms
Height	50 mm
Width	23 mm
Length	50 mm
Product weight	0.046 kg

Environment

IP degree of protection	IP67 conforming to IEC 60529, IP69K conforming to DIN 40050-9
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for operation	-20-60 °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	3666916109724
Package 1 height	9.1 cm
Package 1 width	3.1 cm
Package 1 length	6.1 cm
Package 1 weight	0.046 kg
Unit type of package 2	S01
Number of units in package 2	30
New Package 2 GTIN 14	13666916109721
Package 2 height	15 cm
Package 2 width	15 cm
Package 2 length	40 cm

Package 2 weight	1.855 kg
Unit type of package 3	S02
Number of units in package 3	30
New Package 3 GTIN 14	23666916109728
Package 3 height	15 cm
Package 3 width	30 cm
Package 3 length	40 cm
Package 3 weight	1.855 kg