

KJT Sensors - KJT-KG-Z-K1 Series

Speed sensor Supplies

KJT-KG-Z-K1



Rot. monitoring

- M30 - Sn10mm

- 6..150c/mn

- 12..48VDC

- cable 2m

Technical parameter

Range of product	OsiSense XS
Series name	Application
Sensor type	Speed Switch
Device application	Rotation monitoring
Sensor name	XSA
Sensor design	Cylindrical M30
Size	81 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	10mm
Discrete output function	1NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	2m
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

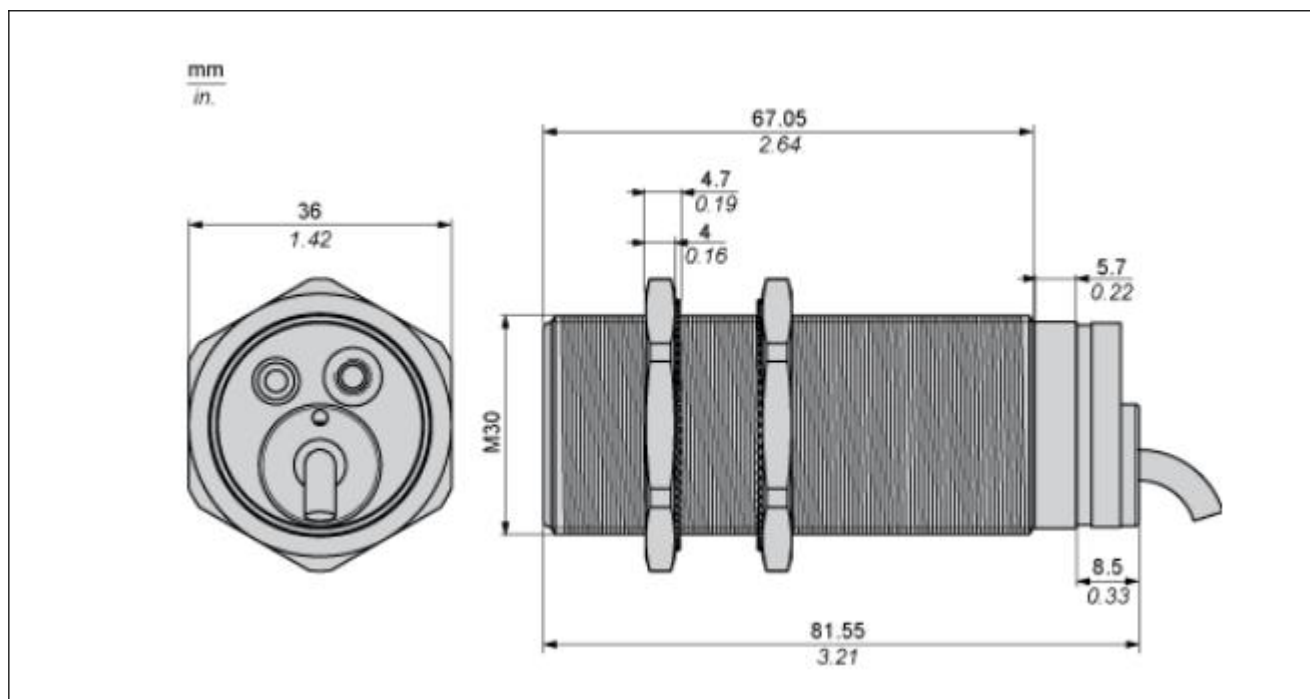
Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Adjustable frequency range	6...150 cyc/mn
Operating zone	0...8 mm
Differential travel	3...15% of Fr
Repeat accuracy	3% of Sr
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Status LED	Output state: 1 LED (red)
Supply voltage limits	10...58 V DC
Switching frequency	<= 100 Hz
Maximum voltage drop	<1.8 V (closed)
Current consumption	0...15 mA no-load
Run-up delay at power-up	9 s standard
Marking	CE
Threaded length	57MM
Height	30MM
Length	81MM
Product certifications	CSA
	UL
	CCC
Ambient air temperature for operation	-25...70 ° C
Ambient air temperature for storage	-40...85 ° C

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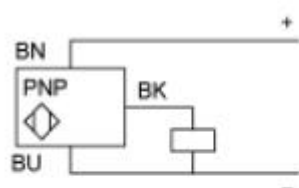
Proximity Sensor - AC Power Supplies

KJT-KG-Z-K1

Dimension drawing



Connection diagram

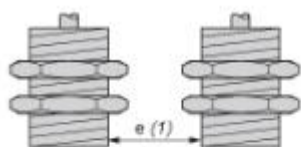


BU : Blue

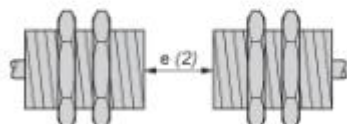
BN : Brown

BK : Black

MOUNTING AND CLEARANCE

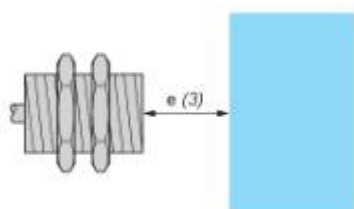


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$$e (3) \geq 30 \text{ mm} / 1.18 \text{ in.}$$