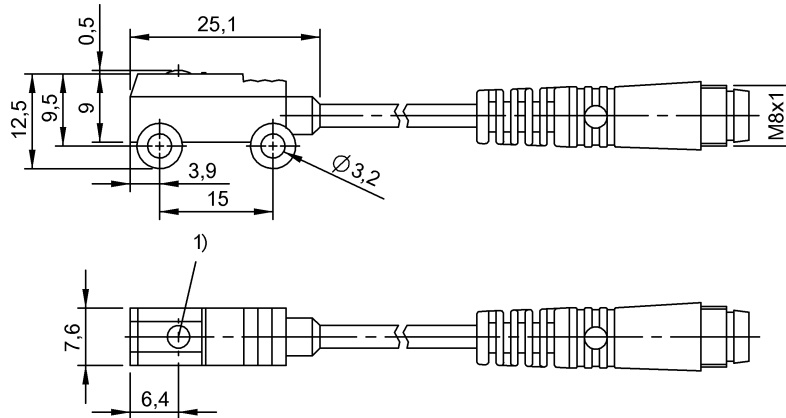


BOS 2K-X-RS10-00,2-S49
Ordering code: BOS0109

Through-beam sensor
 Series 2K
 Working Range: 0...1,2 mm

LED, red light
 DC, direct current

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1) Optical axis

Characteristic data

Operating voltage	10...30 V DC
Connection	Cable with connector, M8x1-S49, 0,2m, PVC
Reference receiver	BOS 2K...-RE10-..
Protected against polarity reversal	yes
Enclosure Type per IEC 60529	IP67
Protection class	III

Optical data

Principle of optical operation	Emitter
Light spot size, typical	Ø10 mm at 100 mm
Light type	LED, red light
Wavelength	660 nm

Electrical data

Rated operating voltage U _e DC	24 V
Rated insulation voltage U _i	50 V DC
Ripple max. (% of U _e)	20

No-load current max. I_o at U_e 20 mA

Mechanical data

Operating range R _o	0...1.2 m
Range S _n	S _n = 1.2 m
Connector type	M8x1-S49
Cable length	0,2 m
Cable jacket material	PVC
Sensing surface material	PMMA
Housing material	ABS
Mounting type	Screw M3
Design	Block, 90° connection
Ambient temperature	-20...50 °C

Basic data

Basic standard IEC 60947-5-2
 For additional information, refer to user's guide.
 Order accessories separately.



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