

Photoelectric Sensors
BOS R090K-NU-RX10-S75
Order Code: BOS02AP



Environmental conditions

Ambient temperature	-30...55 °C
IP rating	IP67

Functional safety

MTTF (40 °C)	94 a
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Interface

Switching output	NPN normally open/normally closed (NO/NC)
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Material

Housing material	PC PBT
Material sensing surface	PMMA

Mechanical data

Dimension	10.7 x 43.5 x 19.5 mm
Mounting part	Screw M3
Tightening torque max.	0.5 Nm

Optical features

Ambient light max.	10000 Lux
Beam characteristic	Divergent
Light type	LED, red light
Principle of optical operation	Through-beam sensor
Switching function, optical	dark-on/light-on
Wave length	660 nm

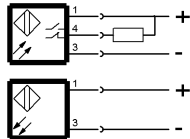
Range/Distance

Range	0...20 m
Rated operating distance Sn	20 m

Connector Drawings



Wiring Diagrams



Opto Symbols

