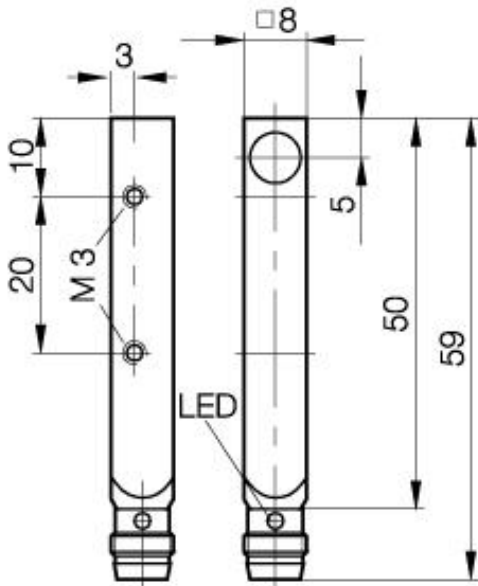
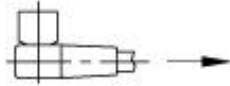


**Photoelectric Sensor**  
**BOS Q08M-PO-RD10-S49**  
**Sn=55mm**  
**Diffuse**



PX0676



**Common Data**

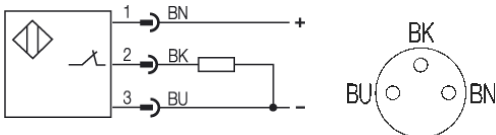
Series	Q08
Sensortype	Diffuse
Switching frequency	500 Hz
Rated operating distance Sn in mm	55
asured operating distance Sa	0...50
Indication Switching element on	yes, red LED
Ambient temperature	-10...+60°C
Off-delay	< 5ms
Light	Infrared, 640nm
Permissible ambient light	per EN 60947-5-2
Output function	dark-on

**Mechanical Data**

Measurements	8x8x59
Housing material	Gd-Zn, nickel plated
Material of sensing face	PMMA
Degree of protection	IP67
Connection	Connector S49 (M8,3-pin)
Weigth	13g
Recommended connector	BKS-S49-

**Electrical Data**

Current	DC
Switching function	normally-closed
Output	PNP
Rated operational current Ie	100mA
Supply Voltage	10...30V DC
Ripple	< 10% from UB
Frequency of Supply Voltage	DC
No-load supply current	<20mA
Voltage drop	<2V
Short protection	yes
Protected against polarity reversal	yes



Utilization categories  
 Insulation class

DC 13

Datasheet number:

Definitions see general catalog.  
 If not otherwise noted, ratings according to  
 IEC 60947-5-2 (DIN EN60947-5-2)

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Datenblatt by CD-ROM - 04/2007

