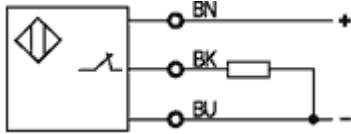
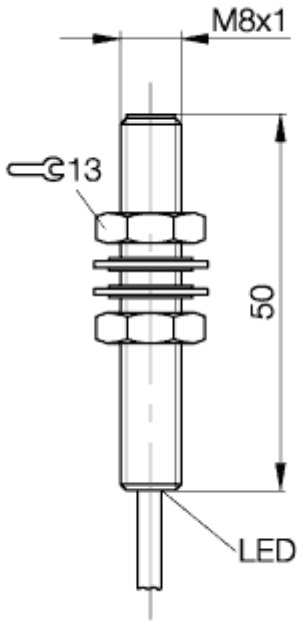


Diffuse  
 M8x1  
 Sn = 55 mm



Approvals



Utilization categories DC13

If not differently indicated,  
 all values by IEC 947-5-2 (DIN EN60947-5-2)

Sensing distance measured with :  
 Kodak white card 200mm x 200mm, 90% reflection  
 Specifications subject to change

Balluff GmbH  
 Postfach 1160  
 73761 Neuhausen  
 Telefon (07158) 173-0  
 Telefax (07158) 5010

**Common Data**

Sensortype	Diffuse
Switching frequency	500 Hz
Rated operating distance Sn	mm 55
asured operating distance Sa	mm 0...50
Indication switching element	yes, red LED
Ambient temperature	°C -10...+60°C
Light	Infrared, 640nm
Permissible ambient light	lux per EN 60947-5-2

**Mechanical Data**

Measurements BxHxT or DxT	mm	M8x50
Housing material		nickel plated brass
Material of sensing face		PMMA
Degree of protection	IP	IP67
Connection		Cable
Weight		47g
Type of cable		PUR, 3x0,14mm <sup>2</sup>

**Electric Data**

Current	DC
Switching function	normally-closed
Output	PNP
Rated operational current I <sub>e</sub>	mA 100mA
Supply voltage	V 10...30 DC
Ripple	% ≤ 10% from UB
No-load supply current	mA ≤ 20
Voltage drop	V ≤ 2
Short protection	yes
Protectde against polarity rev	yes

26.07.2004 / Online-Information