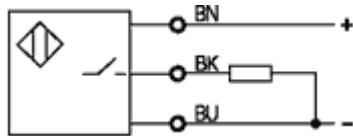
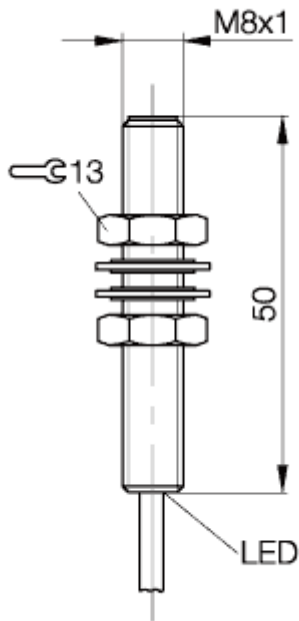


Diffuse
 M8x1
 Sn = 55 mm



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 ²

Electric Data

Current	DC
Switching function	normally-open
Output	PNP
Rated operational current I _e	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

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