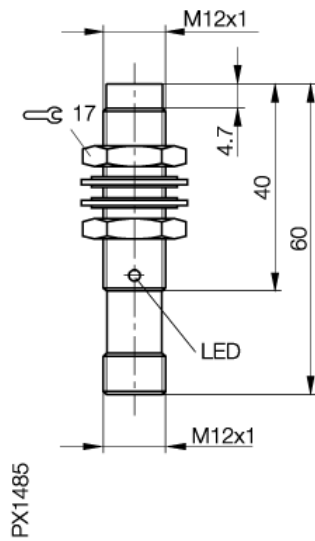


BES M12MF1-POC10F-S04G
 BES02WP

PNP
 NC
 non flush mountable, Sn = 10 mm

BALLUFF
sensors worldwide



Electrical data:

Rated operational voltage (Ue)	24 DC V
Electrical type	DC
Switching output	PNP
Connection	Connector S4 (M12)
No-load supply current damped	= 10 mA
Switching element function	NC
Operating frequency (f)	400 Hz
No-load supply current undamped	10 mA
Off-state current max (I _r)	100 µA
Voltage drop max. static	2 V
Load current capacity (I _e)	200 mA
Utilization category	DC 13
Supply voltage max. (U _b)	30 V
Supply voltage min. (U _b)	10 V

General data:

Degree of protection IP	IP67
Approval	CE
Short circuit protected	yes
Protected against polarity reversal	yes
Brand	SuperG
Output indication	yes

Mechanical data:

Mounting	non flush mountable
Repeat accuracy max. (R)	5 %
Assured operating distance	0...8,1 mm
Sensing face material	PBT
Housing material	CuZn, chrome plated
Number of Wires	3-wire
Tightening torque	10 Nm
Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Rated operating distance (sn)	10 mm
Diameter	M12x1 mm

Wiring:



Pinout:



www.balluff.com

Balluff Europe: +49 7158 173 -0
 Balluff USA: 1-800-54 3-83 90
 Balluff Asia: +86 21-50 64 41 31

Online Productinformation
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