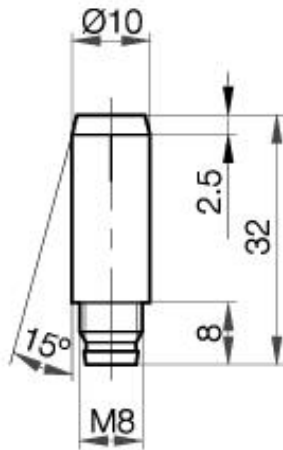


Magnetic Field Sensors
BMF 10E-PS-D-2-SA1-S49
D10 x 32
Short circuit protection



Common Data

Rated operating field strength	1,2kA/m
Assured operating field strength	=2kA/m
Repeatability R	1,0% v. Hn
Hysteresis	45% v. Hn
Ambient temperature range	-25...+70°C
Temp.Drift from Switch. Pnt	0,3%/°C v. Hn

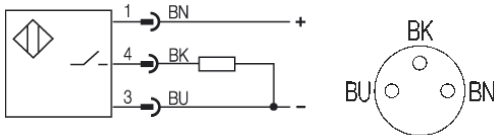
Mechanical Data

Measurements BxHxT oder DxT	D10 x 32mm
Housing material	Steel 1.4571
Material of sensing face	Steel 1.4571
Degree of protection	IP67IP
Connection	Connector S49 (M8 3-pin)

Electrical Data

Current type	DC
Wiring	3-Wire
switching function	normally-open
Output signal	PNP
Rated operational voltage	24 DCV
Rated operational current	200mA
Supply voltage	10...30V
Ripple	≤ 15% v. Ub
Rated supply frequency	DCHz
No-load supply current	=15/=10mA
Off-state current	=80µA
Maximum operational current	200mA
Voltage drop	=3,1/-V
Switch-On-Delay	0,05ms
Switch-Off-Delay	0,05ms
Short circuit protection	yes
Protected against polarity reversal	yes

PX0672



Datasheet number:

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

Balluff GmbH
 Schurwaldstrasse 9
 73765 Neuhausen a.d.F.
 Phone (07158) 173-0 Fax (07158) 5010

Datenblatt by CD-ROM - 04/2007

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