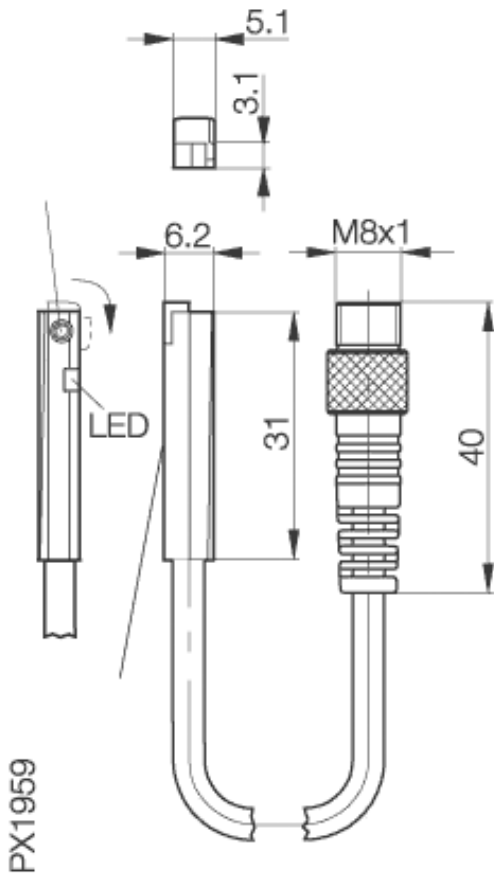


**Magnetic Field Sensors**  
**BMF 315K-PO-C-2-SA2-S49-00,2**  
**5,5 x 31 x 6,2**  
**Short circuit protection**



**Common Data**

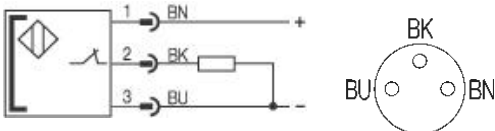
Rated operating field strength	1,2kA/m
Assured operating field strength	=2kA/m
Hysteresis	45% v. Hn
Function indication	yes
Ambient temperature range	-25...+70°C
Temp.Drift from Switch. Pnt	0,3%/°C v. Hn

**Mechanical Data**

Measurements BxHxT oder DxT	5,5 x 31 x 6,2mm
Housing material	PA 66
Material of sensing face	PA 66
Degree of protection	IP67IP
Connection	Cable with Connector S49
Cable type	LifY-11Y-0, 3x0,14mm <sup>2</sup>

**Electrical Data**

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



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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