

# Magnetic Field Sensors

## BMF 103K-PS-C-2A-S26-00,3

### 16x9x4,8

### Short circuit protection

#### Common Data

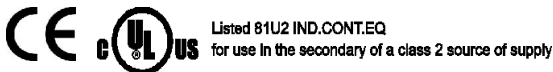
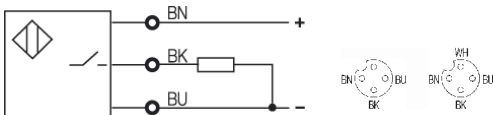
Rated operating field strength	1,2kA/m
Assured operating field strength	2kA/m
Repeatability R	1% v. Hn
Hysteresis	45% v. Hn
Function indication	yes
Ambient temperature range	-25...+70°C°C
Temp.Drift from Switch. Pnt	0,3%/°C v. Hn

#### Mechanical Data

Measurements BxHxT oder DxT	16x9x4,8mm
Housing material	LCP
Degree of protection	IP67IP
Connection	Cable with Connector S26
Cable type	Li12Y-11Y-O

#### Electrical Data

Current type	DC
Wiring	3-Wire
switching function	normally-open
Output signal	PNP
Rated operational voltage	24 DCV
Rated operational current	100mA
Supply voltage	10...30V
Ripple	≤15% v. Ub
Rated supply frequency	DCHz
No-load supply current	≤ 8/≤ 5mA
Off-state current	≤ 80µA
Maximum operational current	100mA
Voltage drop	≤2,5V
Switch-On-Delay	0,07ms
Switch-Off-Delay	0,07ms
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

**BALLUFF**  
 sensors worldwide