



Inductive Sensors
BHS B135V-PSD15-S04
M12x1 x 78
normally-open
Sn=1,5mm
shielded
pressure rated to 500 bar

Common Data

Mounting in steel	shielded
Rated operating distance Sn	1,5mm
Assured operating distance Sa	0...1.2mm
Repeatability R	<= 5%
Hysteresis	<= 15%
Ambient temperature range	-25...+120°C
Particular characteristics	pressure rated to 500 bar

Mechanical Data

Measurements BxHxT or DxT	M12x1 x 78mm
Housing material	stainless steel
Material of sensing face	Ceramic
Degree of protection	IP68 acc. BWN Pr 20IP
Connection	Connector S4
Schock: Halbsinus, 30 gn, 11ms	
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes	

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...30 DCV
Ripple	<= 15%
max. switching frequency	400Hz
No-load supply current	<= 8mA
Off-state current	<= 10µA
Voltage drop	<= 2.5V
Short circuit protection	yes
Protected against polarity reversal	yes



Remarks

Ie at 120V = 100mA



Utilization categories DC 13
 Insulation class -

Datasheet number:

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

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Datenblatt by CD-ROM - 10/2004

