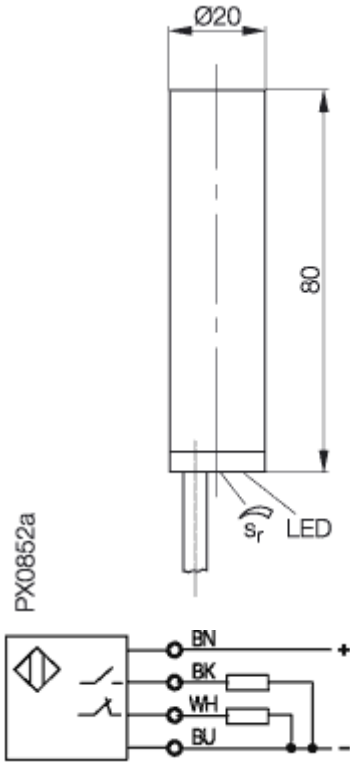


M20
Sn = 10 mm
DC 4-Draht
shielded



Approvals



Utilization categories DC13

If not differently indicated,
all values by IEC 947-5-2
(DIN EN60947-5-2)
Specifications subject to change

Gebhard Balluff GmbH & Co.
Postfach 1160
73761 Neuhausen
Telefon (07158) 173-0
Telefax (07158) 5010

Common Data

Mounting in steel		shielded
Rated operating distance Sn	mm	10,0
Assured operating distance Sa	mm	0...7.2
Repeatability	%	<= 15
Hysteresis	%	<= 25
Function indication		yes
Ambient temperature range	°C	+10...+50
IEC-Code		1A12AP1

Mechanical Data

Housing size	mm	cyl. M20
Measurements BxHxT or DxT	mm	M12 x 80
Housing material		steel stainless
Material of sensing face		EP
Degree of protection	IP	IP63
Connection		Cable
Cable type		PUR, 4x0,25mm ²

Electrical Data

Current type		DC
Wiring		4-Draht
switching function		Complementary
Output signal		PNP
Rated operational voltage	V	24 DC
Rated operational current	mA	130
Minimum operational current	mA	1
No-load supply current	mA	10
Off-state current	µA	100
Voltage drop	V	<= 3.5
Short circuit protection		yes
Protected against polarity rev		yes

15.05.2006 / Online-Information