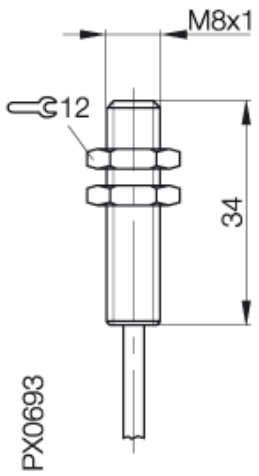
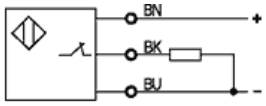
Inductive Sensors

BES 516-300-S292-BO-D-PU-05

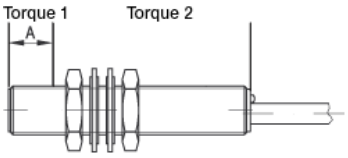
cyl. M 8
Sn = 1,5 mm
DC 3-Wire
shielded





Utilization categories DC 13

Tightening torque:



Torque 1	Nm	15

If only torque1 is indicated,
this applies to entire thread

If not differently indicated,
all values by IEC 60947-5-2 (DIN EN60947-5-2)
Specifications subject to change

Balluff GmbH
Postfach 1160
73761 Neuhausen
Telefon (07158) 173-0
Telefax (07158) 5010

Common Data

Mounting		shielded
Rated operating distance Sn	mm	1,5
Assured operating distance Sa	mm	0...1.2
Repeatability	%	± 5
Hysteresis	%	<= 15
Ambient temperature range	°C	-25...+70
Polution Degree		3
IEC-Code		I1A08BP1
Time delay before availability	ms	<= 30
Particular characteristics		pressure rated to 100 bar

Mechanical Data

Housing size	mm	cyl. M 8
Measurements BxHxT or DxT	mm	M8x1 x 34
Housing material		stainless steel
Material of sensing face		Ceramic
Degree of protection		IP67
Connection		Cable
Cable type		LifY-11Y-O

Electrical Data

Current type		DC
Wiring		3-Wire
switching function		normally-closed
Output signal		PNP
Rated operational voltage	V	24 DC
Rated operational current	mA	200
Supply voltage	V	10...30 DC
Ripple	%	<= 10
Rated supply frequency	Hz	1000
Minimum operational current	mA	<= 1
No-load supply current	mA	<= 25 / <= -
Off-state current	µA	80
Voltage drop	V	<= 2.5 / -
Short circuit protection		yes
Protected against polarity reversal		yes

08.09.2006 / Online-Information