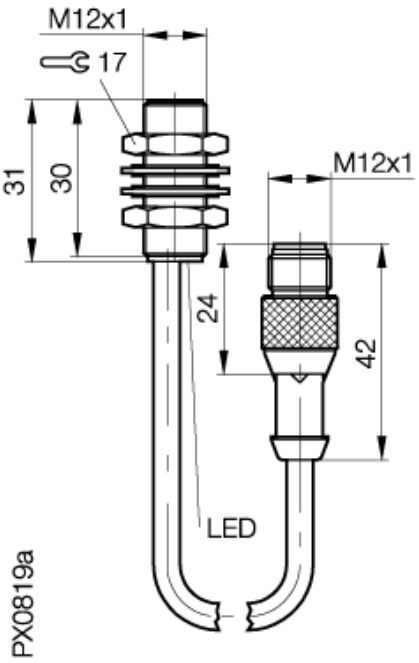
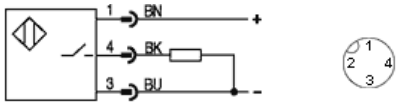
Inductive Sensors
BES 516-325-E4-C-S 4-00,5

cyl. M12
Sn = 2 mm
DC 3-Wire
shielded





Utilization categories DC 13

Common Data

Mounting		shielded
Rated operating distance Sn	mm	2,0
Assured operating distance Sa	mm	0...1.6
Repeatability	%	<= 5
Hysteresis	%	<= 15
Function indication		yes
Ambient temperature range	°C	-25...+70
Polution Degree		3
IEC-Code		I1A12AP2
Time delay before availability	ms	<= 15

Mechanical Data

Housing size	mm	cyl. M12
Measurements BxHxT or DxT	mm	M12x1 x 33
Housing material		nickel plated brass
Material of sensing face		PBTB
Degree of protection		IP68 acc. BWN Pr 20
Connection		Cable with Connector S4

Electrical Data

Current type		DC
Wiring		3-Wire
switching function		normally-open
Output signal		PNP
Rated operational voltage	V	24 DC
Rated operational current	mA	200
Supply voltage	V	10...30 DC
Ripple	%	<= 15
Rated supply frequency	Hz	5000
No-load supply current	mA	<= 10 / <= 4
Off-state current	µA	<= 30
Voltage drop	V	<= 2.0 / -
Short circuit protection		yes
Protected against polarity reversal		yes

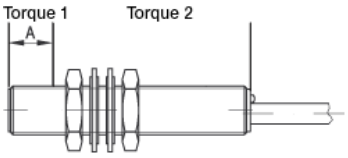
EMV

ESD / RFI / Burst / IVW

Emission

04.05.2005 / Online-Information

■ 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

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