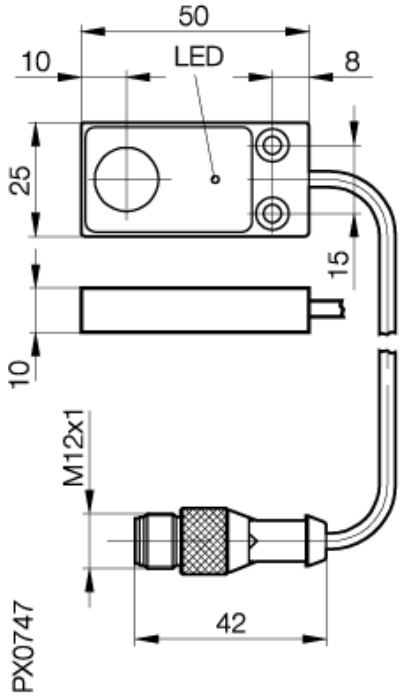
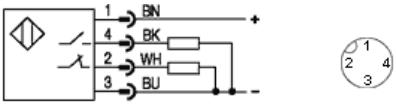
Inductive Sensors
BES 516-133-MO-C-S 4-

Quadraform 25 x 50
Sn = 5 mm
DC 4-Wire
shielded





Utilization categories DC 13

Common Data

Mounting		shielded
Rated operating distance Sn	mm	5,0
Assured operating distance Sa	mm	0...4.0
Repeatability	%	<= 5
Hysteresis	%	<= 15
Function indication		yes
Ambient temperature range	°C	-25...+70
Polution Degree		3
IEC-Code		I1D25CP2
Time delay before availability	ms	<= 50

Mechanical Data

Housing size	mm	Quadraform 25 x 50
Measurements BxHxT or DxT	mm	25 x 50 x 10
Housing material		Gd Al Si 12
Material of sensing face		PBTP
Degree of protection		IP67
Connection		Connector S4
Cable type		LIFY-11Y-O

Electrical Data

Current type		DC
Wiring		4-Wire
switching function		Complementary
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	500
Minimum operational current	mA	-
No-load supply current	mA	<= 32/<= 15
Off-state current	µA	<= 80
Voltage drop	V	<= 2.5/-
Short circuit protection		yes
Protected against polarity reversal		yes

EMV

ESD/RFI/Burst/IVW
Emission

17.05.2004 / Online-Information

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

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