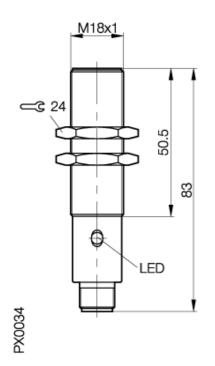
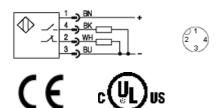
## Inductive Sensors BES 516-105-S 4-C

## cyl. M18 Sn = 5 mm DC 4-Wire shielded





Utilization categories DC 13

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	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	Ū	3
IEC-Code		I1A18CP2
Time delay before availability	ms	<= 10
Mechanical Data		
Housing size	mm	cyl. M18
Measurements BxHxT or DxT	mm	M18x1 x 83
Housing material		nickel plated brass
Material of sensing face		PA 12
Degree of protection		IP68 acc. BWN Pr 20
<b>A U</b>		
Connection		Connector S4
Electrical Data		Connector S4
		Connector S4
Electrical Data		
Electrical Data Current type		DC
Electrical Data Current type Wiring		DC 4-Wire
Electrical Data Current type Wiring switching function	V	DC 4-Wire Complementary
Electrical Data Current type Wiring switching function Output signal	V mA	DC 4-Wire Complementary PNP
Electrical Data Current type Wiring switching function Output signal Rated operational voltage		DC 4-Wire Complementary PNP 24 DC
Electrical Data Current type Wiring switching function Output signal Rated operational voltage Rated operational current	mA	DC 4-Wire Complementary PNP 24 DC 200
Electrical Data Current type Wiring switching function Output signal Rated operational voltage Rated operational current Supply voltage	mA V	DC 4-Wire Complementary PNP 24 DC 200 1030 DC
Electrical Data Current type Wiring switching function Output signal Rated operational voltage Rated operational current Supply voltage Ripple	mA V %	DC 4-Wire Complementary PNP 24 DC 200 1030 DC <= 15
Electrical Data Current type Wiring switching function Output signal Rated operational voltage Rated operational current Supply voltage Ripple Rated supply frequency	mA V % Hz	DC 4-Wire Complementary PNP 24 DC 200 1030 DC <= 15 500
Electrical Data Current type Wiring switching function Output signal Rated operational voltage Rated operational current Supply voltage Ripple Rated supply frequency No-load supply current	mA V % Hz mA	DC 4-Wire Complementary PNP 24 DC 200 1030 DC <= 15 500 <= 30/<= 20
Electrical Data Current type Wiring switching function Output signal Rated operational voltage Rated operational current Supply voltage Ripple Rated supply frequency No-load supply current Off-state current	mA V % Hz mA μA	DC 4-Wire Complementary PNP 24 DC 200 1030 DC <= 15 500 <= 30/<= 20 <= 80
Electrical Data Current type Wiring switching function Output signal Rated operational voltage Rated operational current Supply voltage Ripple Rated supply frequency No-load supply current Off-state current Voltage drop	mA V % Hz mA μA	DC 4-Wire Complementary PNP 24 DC 200 1030 DC <= 15 500 <= 30/<= 20 <= 80 <= 2.5/-

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