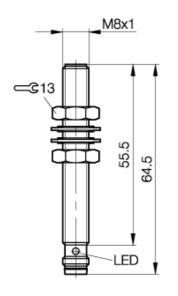
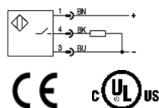
Inductive Sensors BES 516-324-SA33

cyl. M 8 Sn = 1,5 mm DC 3-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	1,5
Assured operating distance Sa	mm	01.2
Repeatability	%	<= 5
Hysteresis	%	<= 15
Function indication		yes
Ambient temperature range	°C	-25+70
Polution Degree		3
IEC-Code		I1A08AP2
Time delay before availability	ms	<= 10
Mechanical Data		
Housing size	mm	cyl. M 8
Measurements BxHxT or DxT	mm	M8x1 x 64.5
Housing material		stainless steel
Material of sensing face		PBTB
Degree of protection		IP67
Connection		Connector
Connection Electrical Data		Connector
		Connector
Electrical Data		
Electrical Data Current type		DC
Electrical Data Current type Wiring		DC 3-Wire
Electrical Data Current type Wiring switching function	V	DC 3-Wire normally-open
Electrical Data Current type Wiring switching function Output signal	V mA	DC 3-Wire normally-open PNP
Electrical Data Current type Wiring switching function Output signal Rated operational voltage	-	DC 3-Wire normally-open PNP 24 DC
Electrical Data Current type Wiring switching function Output signal Rated operational voltage Rated operational current	mA	DC 3-Wire normally-open PNP 24 DC 200
Electrical Data Current type Wiring switching function Output signal Rated operational voltage Rated operational current Supply voltage	mA V	DC 3-Wire normally-open 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 3-Wire normally-open 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 3-Wire normally-open PNP 24 DC 200 1030 DC <= 15 1000
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 3-Wire normally-open PNP 24 DC 200 1030 DC <= 15 1000 <= 25/<= 12
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 3-Wire normally-open PNP 24 DC 200 1030 DC <= 15 1000 <= 25/<= 12 <= 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 3-Wire normally-open PNP 24 DC 200 1030 DC <= 15 1000 <= 25/<= 12 <= 80 <= 2.5/-

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