



Electrical data

Display/Operation

Electrical connection

Environmental conditions

Interface

1 / 2

Inductive Sensors
BES R05KB-NSC20B-EP05
Order Code: BES01YZ

BALLUFF

Material

Housing material	PA 12
Material jacket	PUR
Material sensing surface	PA 12

Mechanical data

Dimension	40 x 12 x 26 mm
Installation	for flush mounting
Size	40x12x26
Tightening torque	0.25 Nm

Range/Distance

Assured operating distance Sa	1.6 mm
Hysteresis H max. (% of Sr)	15.0 %
Rated operating distance Sn	2 mm
Real switching distance sr	2 mm
Repeat accuracy max. (% of Sr)	5.0 %
Temperature drift max. (% of Sr)	10 %
Tolerance Sr	±10 %

Remarks

The sensor is functional again after the overload has been eliminated.

Wiring Diagrams

