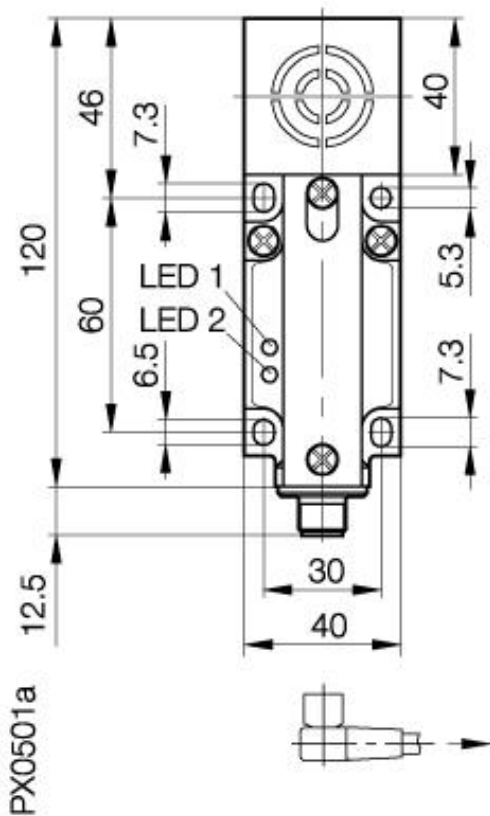


Inductive Sensors
BES 517-134-M3-H-S 4
40 x 40 x 132.5
Complementary
Sn=15mm
shielded



Common Data

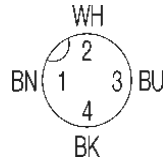
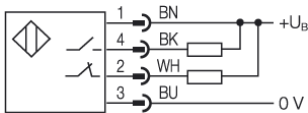
| | |
|--------------------------------|--------------------|
| Product name | Unisensor shielded |
| Mounting in steel | 15mm |
| Rated operating distance Sn | 0...12mm |
| Assured operating distance Sa | ≤ 5% |
| Repeatability R | ≤ 20% |
| Hysteresis | yes |
| Power indication | yes |
| Function indication | yes |
| Ambient temperature range | -25...+70°C |
| Polution Degree | 3 |
| Time delay before availability | ≤ 30ms |

Mechanical Data

| | |
|---|--------------------|
| Measurements BxHxT or DxT | 40 x 40 x 132.5mm |
| Housing material | Plastic (PBTP) |
| Material of sensing face | PBTP |
| Degree of protection | IP67IP |
| Connection | Connector S4 (M12) |
| Schock: Halbsinus, 30 gn, 11ms | |
| Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes | |

Electrical Data

| | |
|-------------------------------------|---------------|
| Current type | DC |
| Wiring | 4-Wire |
| switching function | Complementary |
| Output signal | NPN |
| Rated operational voltage | 24 DCV |
| Rated operational current | 200mA |
| Supply voltage | 10...55 DCV |
| Ripple | ≤ 15% |
| max. switching frequency | 100Hz |
| No-load supply current | ≤ 20/≤ 15mA |
| Off-state current | ≤ 80µA |
| Voltage drop | ≤ 2.5/-V |
| Short circuit protection | yes |
| Protected against polarity reversal | yes |



Utilization categories
 Insulation class

DC 13
 II

Datasheet number:

Definitions see general catalog.
 If not otherwise noted, ratings according to
 IEC 60947-5-2 (DIN EN60947-5-2)

Balluff GmbH
 Schurwaldstrasse 9
 73765 Neuhausen a.d.F.
 Phone (07158) 173-0 Fax (07158) 5010

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