



Inductive Sensors
BES 516-542-BO-H-PU-05
M12x1 x 60
normally-open
Sn=2mm
shielded

Common Data

Mounting in steel shielded Rated operating distance Sn 2mm Assured operating distance Sa 0...1.6mm Repeatability R ≤ 5% Hysteresis 3...20% Function indication -25...+70°C Ambient temperature range Polution Degree Time delay before availability ≤ 10ms

Mechanical Data

Degree of protection IP68 acc. BWN Pr 20IP

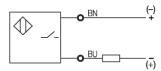
Connection Cable
Cable type LifY-Y-11Y-O

Schock: Halfsinus, 30 gn, 11ms

Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes

Electrical Data

Current type DC Wiring 2-Wire switching function normally-open Output signal non-polarized Rated opertional voltage 24 DCV Rated opertional current 200mA 10...55 DCV Supply voltage ≤ 15% Ripple max. switching frequency 2500Hz Minimum opertional current 5mA No-load supply current -/-mA Off-state current ≤ 500µA Voltage drop ≤ 5/-V Short circuit protection yes Protected against polarity reversal yes



CE

Utilization categories DC 13 Insulation class 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

