



Inductive Sensors BES 516-356-S 4-W M12x1 x 61 normally-open Sn=4mm unshielded magnetic field immune

Common Data

Mounting in steel Rated operating distance Sn Assured operating distance Sa Repeatability R Hysteresis Function indication Ambient temperature range Polution Degree IEC-Code Time delay before availability Particular characteristics

Mechanical Data

Measurements BxHxT or DxTM12xHousing materialbrassMaterial of sensing faceLCP FDegree of protectionIP67IIConnectionConnectionSchock: Halfsinus, 30 gn, 11msVibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes

Electrical Data

Current type Wiring switching function Output signal Rated opertional voltage Rated opertional current Supply voltage Ripple max. switching frequency No-load supply current Off-state current Voltage drop Short circuit protection Protected against polarity reversal 4mm 0...3.2mm <= 5% 1...15% yes -25...+70°C 3 I2A12AP2 <= 60ms magnetic field immune

unshielded

M12x1 x 61mm brass, PTFE coated LCP PTFE-coated IP67IP Connector S4

DC 3-Wire normally-open PNP 24 DCV 200mA 10...30 DCV <= 10% 1000Hz <= 20/<= 15mA <= 80µA <= 2.5/-V yes yes



Listed 81U2 IND.CONT.EQ IS for use in the secondary of a class 2 source of supply

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)

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