

Balluff BES01PF | BES M08EH-PSC15B-S04G |BES01 PF | BES01 PF | BES M08EH-PSC15B-S04G | BESM08EHPSC15BS04G |

DC, direct current | PNP/Normally open (NO) | Sn= 1,5 mm | Flush (shielded)

Rating: Not Rated Yet  
Price

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Description

Balluff Inductive Sensor

M8x1 Housing Size, Flush Mount, 1.5 mm Sensing Range, PNP NO Switching Output, Sensing Distance, Connector, Stainless Steel Housing Material, LED

BES M08EH-PSC15B-S04G

[Download data sheet here ?Download? data sheet ? here ?](#)

Balluff ID : BES01PF 218564

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Characteristic data Assured operating distance Sa 1,2 Eff. switching distance Sr 1,50 mm Tolerance Sr  $\pm 10$  % Hysteresis H max. (in % of Sr) 15 % Repeat accur. R max. (% of Sr) 5 % Ambient temperature -25...70 °C Temp. drift max. (% of Sr) 10% Switching freq. f max. 3000 Hz Ready delay tv max. 20 ms Utilisation category DC 13 Function indicator Yes Power indicator No Short-circuit protected Yes Protected against polarity reversal Yes Protected against miswiring Yes Enclosure Type per IEC 60529 IP68 according to BWN PR 20 Protection class II Electrical data Operating voltage 10...30 V DC Ripple max. (% of Ue) 15 Rated operating voltage Ue DC 24,0 V Voltage drop static max. 2,5 V Rated insulation voltage Ui 250 AC Effective operating current Ie 200 mA

No-load current Io damped max. 9 mA Max. no-load cur. Io undamped 3 mA Off-state current Ir max. 20  $\mu$ A Minimum operating current Im 0 mA Rated short circuit current 100 A Output resistance Ra 33.0k + D Load capacitance max. (at Ue) 0,5  $\mu$ F Mechanical data Connection type Connector Connector type M12x1-S04 Housing material Stainless steel Sensing surface material PBT Mounting length 43 mm Shock rating Shock, half-sinus, 30 gn, 11ms Vibration rating 55 Hz, 1 mm ampl., 3x30 min Degree of contamination 3 Tightening torque 8 Nm Basic data Basic standard IEC 60947-5-2 Remarks The sensor is functional again after the overload has been eliminated. With connector, e.g. BKS-S 20-... total length = switch length +18 mm

```
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- Trusted industrial supplier since 2003

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