BOS 08E Photoelectric Sensors

Background suppression in mini-format





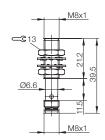


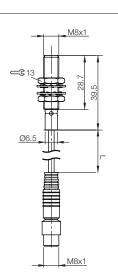


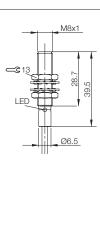
| Type | Diffuse sensor with | Diffuse sensor with | Diffuse sensor with |
|------|------------------------|------------------------|------------------------|
| | background suppression | background suppression | background suppression |
| | | | |

| Detection range | | 20 mm fixed | 20 mm fixed | 20 mm fixed |
|---------------------------------------|-----------------|-------------------------|-------------------------|-------------------------|
| PNP, NO | | BOS01H6 | BOS01H2 | BOS01H9 |
| NPN, NO | | BOS01H7 | BOS01H3 | |
| Light type | | Red light, PinPoint LED | Red light, PinPoint LED | Red light, PinPoint LED |
| Supply voltage U _S | | 1030 V DC | 1030 V DC | 1030 V DC |
| Switching frequency | | 500 Hz | 500 Hz | 500 Hz |
| Degree of protection as per IEC 60529 | | IP 67 | IP 67 | IP 67 |
| Ambient temperature T _a | | −5+55 °C | −5+55 °C | −5+55 °C |
| Material | Housing | Stainless steel 1.4404 | Stainless steel 1.4404 | Stainless steel 1.4404 |
| | Optical surface | PMMA | PMMA | PMMA |
| Connection | | M8 connector, | 0.2 m PUR cable with M8 | 2 m PUR cable |
| | | 3-pin | connector, 3-pin | |

Normally closed variants on request







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