

TROPICAL-Series DC • Climatic-proofed 120 °C

Series IGMF - Proximity switches

M18 / M30

Stainless steel sleeve

DC 10...30 V

IP 68 Water-proofed

IP 69K Resistant to high pressure cleaning



| Design | DC PNP • M18x1 | | DC PNP • M30x1.5 | |
|---|---|-------------------------------------|-------------------------------------|-------------------------------------|
| Dimensions | | | | |
| Installation flush (f) non flush (nf) | | | | |
| Operating distance sn [mm] | 5 f | 7 nf | 10 f | 15 nf |
| GSP | ID-No. P31424 Type IGMF 005 GSP | ID-No. P31426 Type IGMF 008 GSP | ID-No. P31428 Type IGMF 010 GSP | ID-No. P31430 Type IGMF 015 GSP |
| GOP | ID-No. P31425 Type IGMF 005 GOP | ID-No. P31427 Type IGMF 008 GOP | ID-No. P31429 Type IGMF 010 GOP | ID-No. P31431 Type IGMF 015 GOP |
| GSOP | ID-No. P30707 Type IGMF 005 GSOP | ID-No. P30710 Type IGMF 008 GSOP | ID-No. P30713 Type IGMF 010 GSOP | ID-No. P30716 Type IGMF 015 GSOP |
| Supply voltage [V] | 10...30 DC | | | |
| Switching current [mA] | 200 | | | |
| Overcurrent release [mA] | 230 | | | |
| Current consumption [mA] | 4 | | | |
| Residual current [µA] | 1 | | | |
| Voltage drop max. [V] | 2 | | | |
| Switching frequency [Hz] | 1000 | | | |
| Ambient temperature [°C] | -25...+120 | | | |
| Compressive strenght [bar] | 10 | | | |
| EMC-class | A | | | |
| Protection [EN 60529] | IP 68 + IP 69K | | | |
| Housing material | PTFE / AISI 316 Ti (A4) | | | |
| Connection | 2 m FEP-cable 3x0.34 mm ² / 2 m FEP-cable 4x0.25 mm ² | | | |
| Switching current | | | | |
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