



# High temperature 120 °C | AC

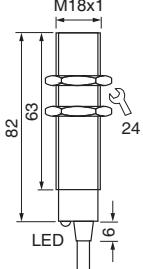
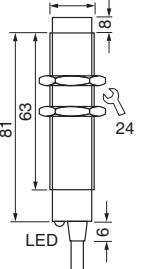
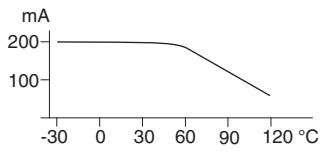
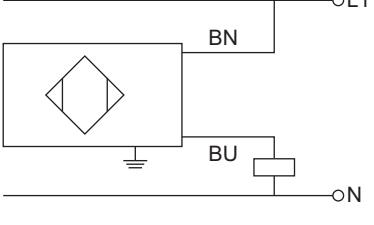
## Proximity switches

M18 / M30  
Metal sleeve

AC 20...250 V

Extended  
temperature range  
-25 °C...+120 °C



| Design                                      | AC • M18x1   | AC • M30x1.5  |
|---|--|---|
| Dimensions                                  |    |   |
| Installation<br>flush (f)<br>non flush (nf) |   |  |
| Operating distance sn [mm]                  | 5 f  | 8 nf  |
| Switching output                            |   |  |
| ID-No.                                      | P31118   | P31119  |
| Type  | IGMT 005 WS  | IGMT 008 WS   |
| Supply voltage [V]                          | 20...250 AC  |   |
| Switching current [mA]                      | 200  |   |
| Short circuit proof                         | -  |   |
| Reverse protection                          | -  |   |
| Voltage drop max. [V]                       | 5 eff.   |   |
| Minimum load current [mA]                   | 5  |   |
| Current consumption [mA]                    | 2.5  |   |
| Switching frequency [Hz]                    | 25   |   |
| Ambient temperature [°C]                    | -25...+120   |   |
| EMC-class                                   | A  |   |
| Protection [EN 60529]                       | IP 67  |   |
| LED display                                 | •  |   |
| Housing material                            | Br-Ni / PBT  |   |
| Connection                                  | 2 m Silicone-cable 3x0.75 mm²  |   |
| Switching current                           |  |   |
| mA  |   |   |
| -30 0 30 60 90 120 °C                       |  |   |
| BN  |  |   |