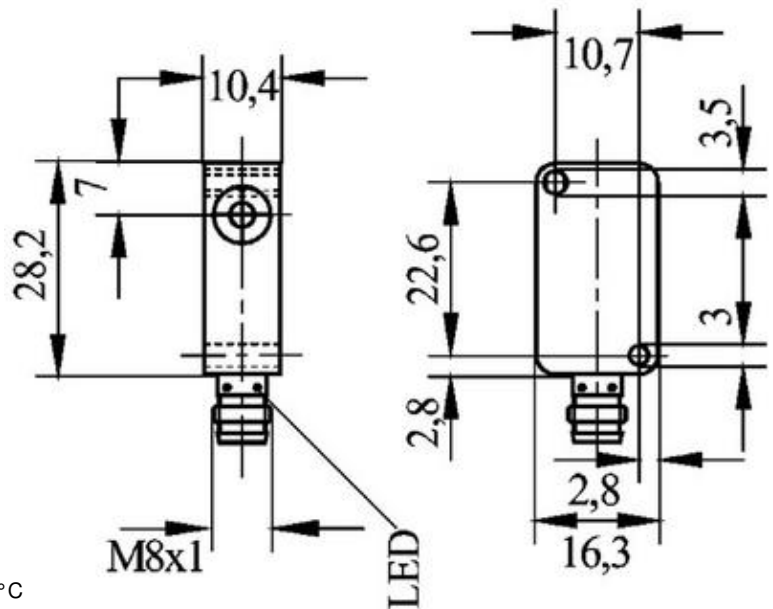


# DC - RECTANGULAR TYP: IBRD3812 / NPN NO



|   |                     |
|---|---------------------|
| <b>Configuration:</b>                               | R38 (10x16x28)      |
| <b>Fitting:</b>                                     | flush               |
| <b>Sensing Distance Sn (mm):</b>                    | 2,0 mm              |
| <b>Connection:</b>                                  | pluggable M8        |
| <b>Nominal Voltage:</b>                             | 24 VDC              |
| <b>Voltage Range:</b>                               | 10-30 VDC           |
| <b>max. Load Current:</b>                           | 200 mA              |
| <b>No-Load Current:</b>                             | < 10 mA             |
| <b>Voltage Drop:</b>                                | < 2,5 V             |
| <b>Switching Frequency:</b>                         | 800 Hz              |
| <b>Hysteresis:</b>                                  | < 15 % (Sr)         |
| <b>Reproduceability:</b>                            | < 1 % (Sr)          |
| <b>Temperature Drift:</b>                           | < 10 % (Sr)         |
| <b>Ambient Temperature:</b>                         | -25 Å°C ... +70 Å°C |
| <b>Protection Class:</b>                            | IP 67               |
| <b>Short Circuit- /Inverse Polarity Protection:</b> | yes                 |
| <b>Housing Material:</b>                            | Plastic             |
| <b>LED:</b>   | yes                 |
| <b>Connection:</b>                                  | Plug M8 3-polig     |
| <b>Material Active Surface:</b>                     |                     |
| <b>EMC:</b>   |                     |
| <b>Shock/Vibration:</b>                             |                     |



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