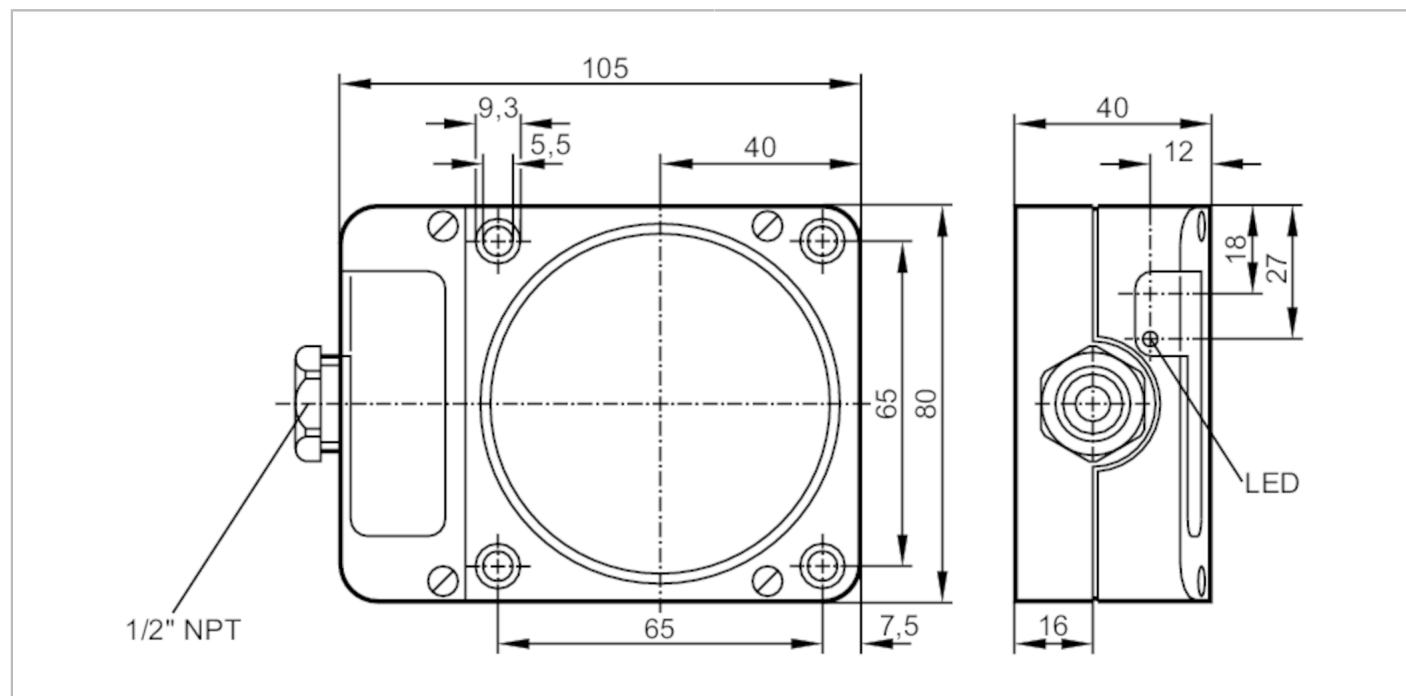


# ID8509



## Inductive sensor

IDE3060-FPKG/POTENT SEALED @60



### Product characteristics

|                   |      |                                      |
|-------------------|------|--------------------------------------|
| Electrical design |      | PNP                                  |
| Output function   |      | normally open / closed; (selectable) |
| Sensing range     | [mm] | 60                                   |
| Housing           |      | rectangular                          |
| Dimensions        | [mm] | 105 x 80 x 40                        |

### Electrical data

|                             |      |            |
|-----------------------------|------|------------|
| Operating voltage           | [V]  | 10...36 DC |
| Current consumption         | [mA] | 15; (24 V) |
| Protection class            |      | II         |
| Reverse polarity protection |      | yes        |

### Outputs

|                                                 |      |                                      |
|-------------------------------------------------|------|--------------------------------------|
| Electrical design                               |      | PNP                                  |
| Output function                                 |      | normally open / closed; (selectable) |
| Max. voltage drop switching output DC           | [V]  | 2.5                                  |
| Permanent current rating of switching output DC | [mA] | 250                                  |
| Switching frequency DC                          | [Hz] | 100                                  |
| Short-circuit protection                        |      | yes                                  |
| Type of short-circuit protection                |      | yes (non-latching)                   |
| Overload protection                             |      | yes                                  |

### Monitoring range

|                       |      |           |
|-----------------------|------|-----------|
| Sensing range         | [mm] | 60        |
| Real sensing range Sr | [mm] | 60 ± 10 % |
| Operating distance    | [mm] | 0...48.6  |



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