



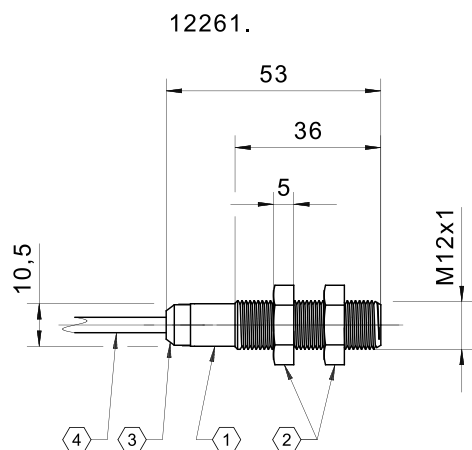
## Sensor de proximidade magnético 12261

### Product characteristics

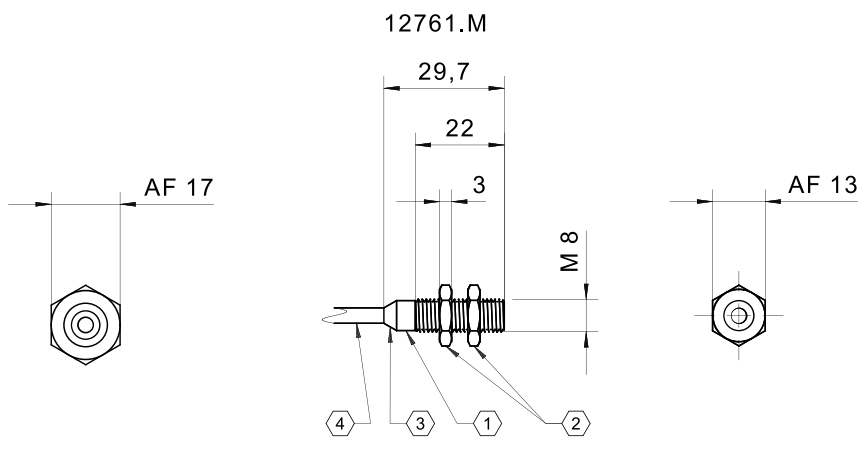
- Sensor de efeito Hall
- Formato cilíndrico com rosca externa para fácil montagem
- Carca em poliamida (PA)
- Rosca M12 x 46 mm
- Cabo em PVC

## Desenho técnico

IMAGE 1/1

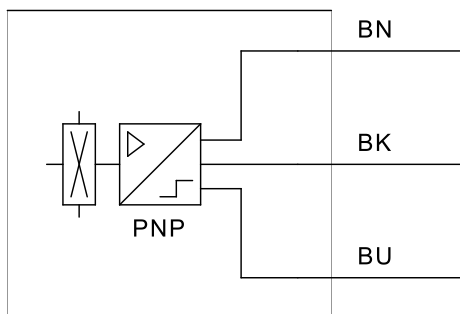


- ① housing - PA6 GK30
- ② nuts - PA6 GK30
- ③ grommet - TPE
- ④ cable - LIFY11Y 3x0,25

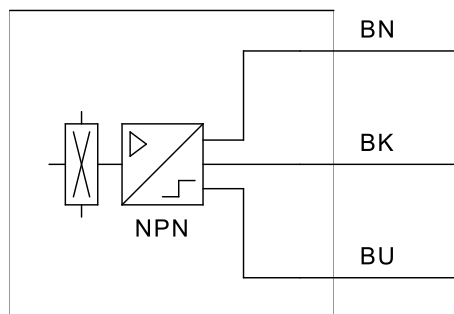


- ① housing - CW614N Ni-plated
- ② nuts - CW614N Ni-plated
- ③ grommet - TPE
- ④ cable - LIFY11Y 3x0,25

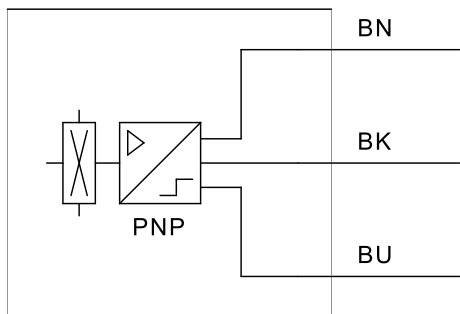
127610



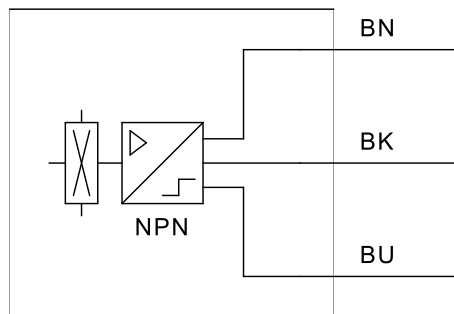
127611



127610M

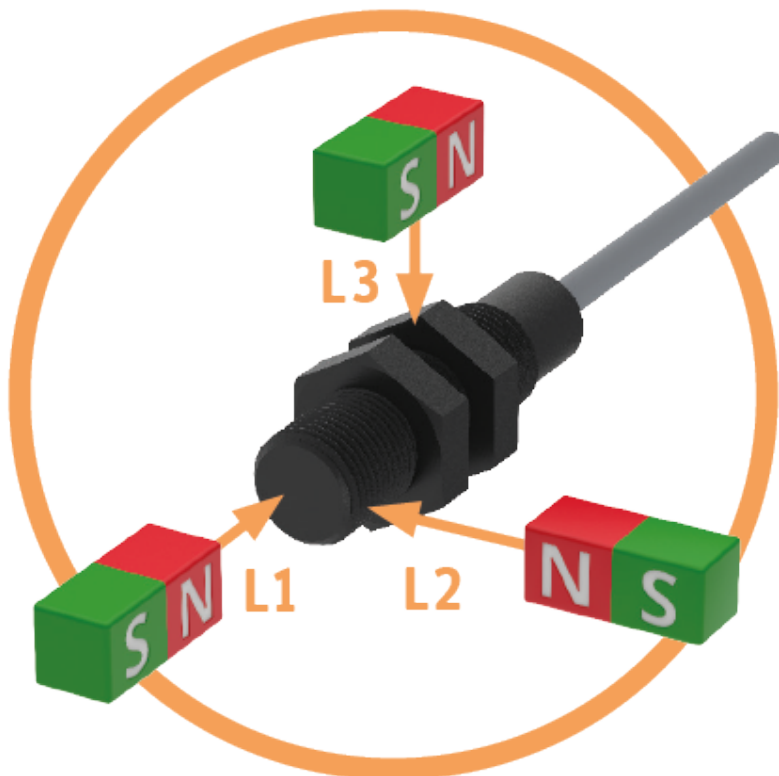


127611M



## Product options

IMAGE 1/2



## TYPICAL SWITCHING DISTANCES

|           | 122610 |    |    | 122611 |    |    |
|-----------|--------|----|----|--------|----|----|
| ACTUATORS | L1     | L2 | L3 | L1     | L2 | L3 |
| 324790    | 6 mm   | -  | -  | 9 mm   | -  | -  |
| 300790    | 11 mm  | -  | -  | 14 mm  | -  | -  |
| 300780    | 15 mm  | -  | -  | 18 mm  | -  | -  |

Further actuators and switching distances on request

IMAGE 2/2

## ORDERING KEY

| 122 |     |     | Cylindrical proximity switch, Hall                 |
|-----|-----|-----|--|
|     | 610 |     | PNP output – cable connection 1m                   |
|     | 611 |     | NPN output – cable connection 1m                   |
|     |     |     | Housing with connector output on request           |
|     |     |     |  |
|     |     |     | <b>Other available cable lengths</b>               |
|     |     | -3  | 3 m  |
|     |     | -5  | 5 m  |
|     |     | -10 | 10 m   |
|     |     |     | Other cable materials and cable lengths on request |

## Características do artigo

| Attribute  | 122610                                     | 122611   |
|--|--|----------|
| Continuous current                               | 0.1 A                                      | 0.02 A   |
| Technology                                       | Hall                                       |          |
| EMC immunity (Norm)                              | DIN EN 60947-5-2, applicable chapter 7.2.6 |          |
| EMC emission (Norm)                              | DIN EN 60947-5-2, applicable chapter 7.2.6 |          |
| Operating voltage min.                           | 10 V DC                                    | 4.5 V DC |
| Operating voltage max.                           | 30 V DC                                    | 24 V DC  |
| LED display                                      | No   |          |
| Actuation  | front                                      |          |
| Switching principle                              | magnetic                                   |          |
| Polarity reversal protection                     | yes  |          |
| Switching output                                 | PNP  | NPN      |
| Dimensions                                       | M12 L=46                                   |          |
| Housing design                                   | cylindrical                                |          |
| Housing material                                 | PA   |          |
| Nut material                                     | PA   |          |
| Cable material                                   | PVC  |          |
| Protection class                                 | IP67 DIN EN 60529                          |          |
| Operating temperature min.                       | -25 °C                                     |          |
| Max. operating temperature                       | 75 °C                                      |          |
| Min. storage temperature                         | -25 °C                                     |          |
| Max. storage temperature                         | 75 °C                                      |          |
| Min. cable temperature range, moving             | -5 °C                                      |          |
| Max. cable temperature range, moving             | 70 °C                                      |          |
| Min. cable temperature range, fixed installation | -25 °C                                     |          |
| Max. cable temperature range, fixed installation | 70 °C                                      |          |
| Mounting type                                    | Thread                                     |          |
| Cable length                                     | 1 m  |          |