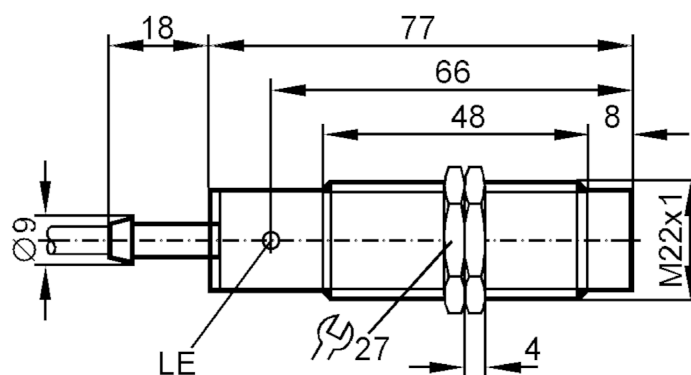


## Inductive sensor

SIH-3010-ANKG

Article no longer available - archive entry



## Product characteristics

|                    |               |
|--------------------|---------------|
| Electrical design  | NPN           |
| Output function    | normally open |
| Sensing range [mm] | 10            |
| Housing            | threaded type |
| Dimensions [mm]    | M22 x 1       |

## Electrical data

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

## Outputs

|                                                      |               |
|------------------------------------------------------|---------------|
| Electrical design                                    | NPN           |
| Output function                                      | normally open |
| Max. voltage drop switching output DC [V]            | 2.5           |
| Permanent current rating of switching output DC [mA] | 250           |
| Switching frequency DC [Hz]                          | 250           |
| Short-circuit protection                             | yes           |
| Type of short-circuit protection                     | pulsed        |
| Overload protection                                  | yes           |

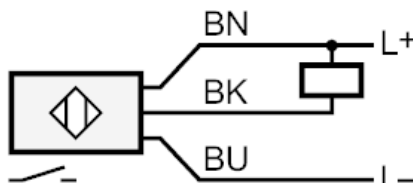
# IH7002



## Inductive sensor

SIH-3010-ANKG

| Detection zone                           |                  |                                                                             |
|------------------------------------------|------------------|-----------------------------------------------------------------------------|
| Sensing range                            | [mm]             | 10                                                                          |
| Real sensing range Sr                    | [mm]             | $10 \pm 10 \%$                                                              |
| Operating distance                       | [mm]             | 0...8.1                                                                     |
| Accuracy / deviations                    |                  |                                                                             |
| Correction factor                        |                  | steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2 |
| Hysteresis                               | [X01]            | 1...15                                                                      |
| Switch point drift                       | [X01]            | -10...10                                                                    |
| Operating conditions                     |                  |                                                                             |
| Ambient temperature                      | [°C]             | -25...80                                                                    |
| Protection                               |                  | IP 67                                                                       |
| Tests / approvals                        |                  |                                                                             |
| EMC                                      | EN 60947-5-2     |                                                                             |
| Mechanical data                          |                  |                                                                             |
| Housing                                  |                  | threaded type                                                               |
| Mounting                                 |                  | non-flush mountable                                                         |
| Dimensions                               | [mm]             | M22 x 1                                                                     |
| Thread designation                       |                  | M22 x 1                                                                     |
| Materials                                |                  | brass white bronze coated; PBT                                              |
| Displays / operating elements            |                  |                                                                             |
| Display                                  | switching status | 1 x LED, yellow                                                             |
| Аксессуары                               |                  |                                                                             |
| Items supplied                           |                  | lock nuts: 2                                                                |
| Remarks                                  |                  |                                                                             |
| Pack quantity                            |                  | 1 pcs.                                                                      |
| Electrical connection                    |                  |                                                                             |
| Cable: 2 m, PVC; 3 x 0.5 mm <sup>2</sup> |                  |                                                                             |
| Connection                               |                  |                                                                             |



Core colours :  
BN = brown  
BU = blue  
BK = black