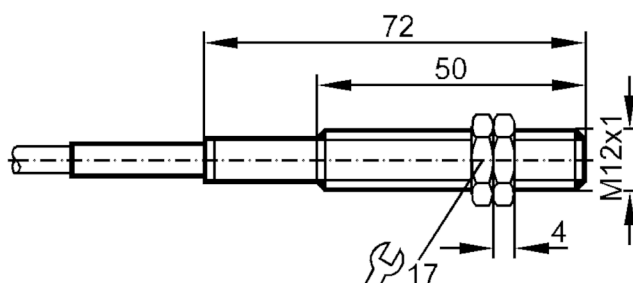


## Inductive sensor

IFA3002-APOG/20m

Article no longer available - archive entry



## Product characteristics

|                    |                 |
|--------------------|-----------------|
| Electrical design  | PNP             |
| Output function    | normally closed |
| Sensing range [mm] | 2               |
| Housing            | threaded type   |
| Dimensions [mm]    | M12 x 1         |

## Electrical data

|                             |            |
|-----------------------------|------------|
| Operating voltage [V]       | 10...55 DC |
| Current consumption [mA]    | 7; (24 V)  |
| Protection class            | II         |
| Reverse polarity protection | no         |

## Outputs

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Electrical design                                    | PNP             |
| Output function                                      | normally closed |
| Max. voltage drop switching output DC [V]            | 1.5             |
| Permanent current rating of switching output DC [mA] | 400             |
| Switching frequency DC [Hz]                          | 700             |
| Short-circuit protection                             | no              |
| Overload protection                                  | no              |

## Detection zone

|                            |              |
|----------------------------|--------------|
| Sensing range [mm]         | 2            |
| Real sensing range Sr [mm] | $2 \pm 10\%$ |
| Operating distance [mm]    | 0...1.6      |

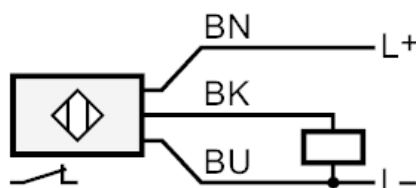
# IF5056



## Inductive sensor

IFA3002-APOG/20m

| Accuracy / deviations                      |                                                                             |
|--------------------------------------------|-----------------------------------------------------------------------------|
| Correction factor                          | steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3 |
| Hysteresis [X01]                           | 3...15                                                                      |
| Switch point drift [X01]                   | -10...10                                                                    |
| Operating conditions                       |                                                                             |
| Ambient temperature [°C]                   | -25...80                                                                    |
| Protection                                 | IP 67                                                                       |
| Mechanical data                            |                                                                             |
| Housing                                    | threaded type                                                               |
| Mounting                                   | flush mountable                                                             |
| Dimensions [mm]                            | M12 x 1                                                                     |
| Thread designation                         | M12 x 1                                                                     |
| Materials                                  | brass nickel-plated; PBT                                                    |
| Аксессуары                                 |                                                                             |
| Items supplied                             | lock nuts: 2                                                                |
| Remarks                                    |                                                                             |
| Pack quantity                              | 1 pcs.                                                                      |
| Electrical connection                      |                                                                             |
| Cable: 20 m, PVC; 3 x 0.34 mm <sup>2</sup> |                                                                             |
| Connection                                 |                                                                             |



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