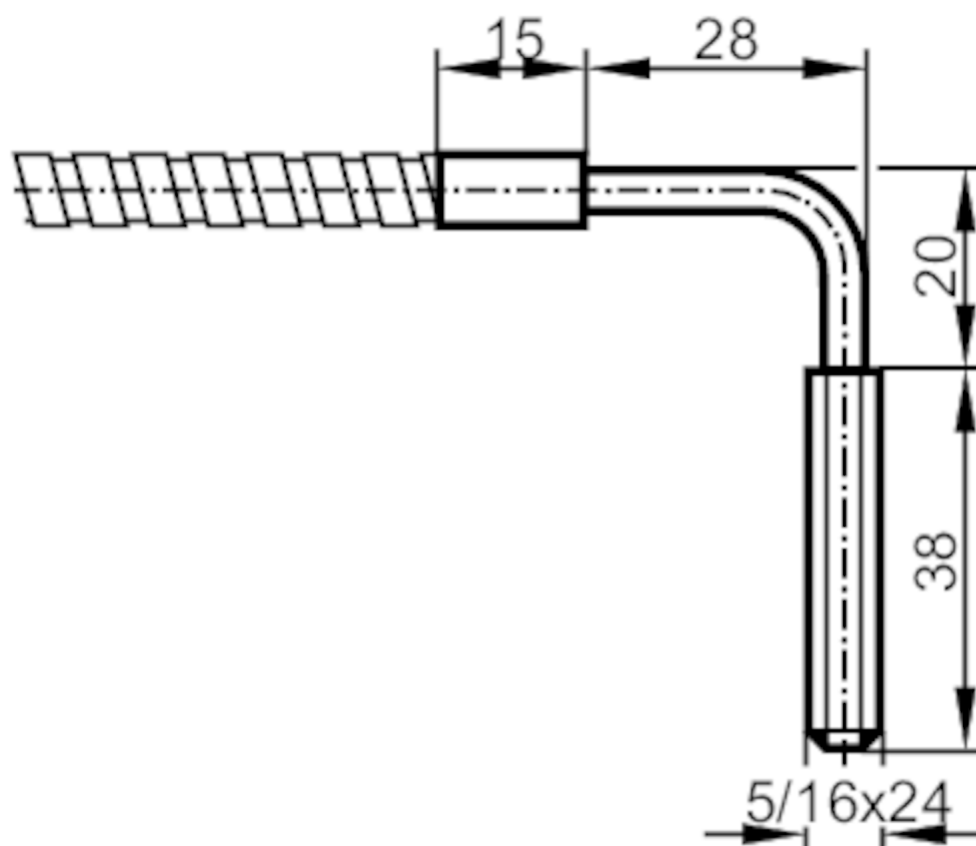




## Fibre optic through-beam sensor

FE-50-V-V-M5/16/R



## Application

|                    |                     |
|--------------------|---------------------|
| Function principle | Through-beam sensor |
|--------------------|---------------------|

## Detection zone

|                                       |               |
|---------------------------------------|---------------|
| Range with fibre-optic amplifier type | OBF; ODF; OMF |
|---------------------------------------|---------------|

## OBF

|                            |      |
|----------------------------|------|
| Range of fibre optics [mm] | 1000 |
|----------------------------|------|

## ODF

|                            |   |
|----------------------------|---|
| Range of fibre optics [mm] | 4 |
|----------------------------|---|

## OMF

|                            |     |
|----------------------------|-----|
| Range of fibre optics [mm] | 800 |
|----------------------------|-----|

## Operating conditions

|                          |           |
|--------------------------|-----------|
| Ambient temperature [°C] | -58...315 |
|--------------------------|-----------|

## Mechanical data

|                          |        |
|--------------------------|--------|
| Weight [g]               | 204    |
| Version of sensing head  | angled |
| Total length [mm]        | 900    |
| Min. bending radius [mm] | 19     |
| Fibre arrangement        | ●      |
| Fibre material           | glass  |

# E20825



## Fibre optic through-beam sensor

FE-50-V-V-M5/16/R

|                       |                                |
|-----------------------|--------------------------------|
| Fibre head material   | stainless steel (1.4305 / 303) |
| Fibre sheath material | stainless steel (1.4305 / 303) |
| Accessories           |                                |
| Items supplied        | hexagon nuts: 4 x M8           |
|                       | clamping rings: 2              |
|                       | O-rings: 2                     |
| Remarks               |                                |
| Pack quantity         | 1 pcs.                         |