



## Fibre optic diffuse reflection sensor

FT-50-V-V-E2,3

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# No scale drawing available

## Application

|                    |                           |
|--------------------|---------------------------|
| Function principle | Diffuse reflection sensor |
|--------------------|---------------------------|

## Detection zone

|                                       |    |
|---------------------------------------|----|
| Range with fibre optic amplifier type | OB |
|---------------------------------------|----|

## OB

|                         |   |
|-------------------------|---|
| Range fibre optics [mm] | 8 |
|-------------------------|---|

## Operating conditions

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

## Mechanical data

|                            |                                |
|----------------------------|--------------------------------|
| Version of sensing head    | straight                       |
| Sensing head diameter [mm] | 8                              |
| Total length [mm]          | 900                            |
| Min. bending radius [mm]   | 19                             |
| Fibre arrangement          | Ⓢ                              |
| Fibre material             | glass                          |
| Fibre head material        | stainless steel (1.4305 / 303) |
| Fibre sheath material      | stainless steel (1.4305 / 303) |

## Remarks

|               |        |
|---------------|--------|
| Pack quantity | 1 pcs. |
|---------------|--------|