



Fiber optic through beam sensor

FE-30-A-A-M6/1M



| Application                           |                                                                                       |                              |
|---------------------------------------|---------------------------------------------------------------------------------------|------------------------------|
| Function principle                    | Through-beam sensor                                                                   |                              |
| Application                           | High temperature resistance; Robust design for use in harsh industrial environments   |                              |
| Monitoring range                      |                                                                                       |                              |
| Range with fiber optic amplifier type | OIF                                                                                   |                              |
| OIF                                   |                                                                                       |                              |
| Range of fiber optics                 | [mm]                                                                                  | 300                          |
| Operating conditions                  |                                                                                       |                              |
| Ambient temperature                   | [°C]                                                                                  | -40...290                    |
| Mechanical data                       |                                                                                       |                              |
| Weight                                | [g]                                                                                   | 135                          |
| Version of sensing head               | straight                                                                              |                              |
| Sensing head thread                   | M6                                                                                    |                              |
| Total length                          | [mm]                                                                                  | 1000                         |
| Min. bending radius                   | [mm]                                                                                  | 30; (for fixed installation) |
| Fiber arrangement                     |  |                              |
| Material                              | Adapter: PA                                                                           |                              |
| Fiber material                        | glass                                                                                 |                              |
| Fiber head material                   | aluminum                                                                              |                              |

E20187



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|                       |                                       |
|-----------------------|---------------------------------------|
| Fiber sheath material | aluminum                              |
| Accessories           |                                       |
| Items supplied        | Hexagon nuts: 4 x M6, stainless steel |
|                       | tooth lock washers: 4                 |
|                       | Knurled nut: 1 x M30                  |
| Remarks               |                                       |
| Pack quantity         | 1 pcs.                                |