



High temperature through beam sensors

To be used with fibre-optic up to 250 °C

With intermediate repeater



| Design | Fibre-optic amplifier | | Attachment optics | |
|--------------------------------------|--|-------------|-------------------|--------------|
| Dimensions | | | | |
| Sensing range [m] | | | 6 | |
| Function | Transmitter | Receiver | Optic 4° | Optic 8° |
| ID-No. | P50003 | P50004 | P60150 | P60151 |
| Type | ULLS 030 VS | ULLE 030 VS | ULV 024 | ULV 028 |
| Ambient temperature [°C] | -20...+70 | | -40...+250 | -40...+250 |
| Field of view [°] | 90 | | 4 | 8 |
| EMC-class | A | | - | - |
| Housing material | brass-nickel | | brass-nickel | brass-nickel |
| Protection [EN 60529] | IP 67 | | IP 65 | IP 65 |
| Fibre-optic cable | LLKS... | | LLKS... | LLKS... |
| Connection | 5 m PVC-cable 4x0.34 mm ² | | PG 9 | PG 9 |
| PG-plug | | | | |
| DC 1: BN 2: BU 3: BK | | | | |
| Note | required amplifier series OKZ 550 GWR, see page 5.10 | | | |