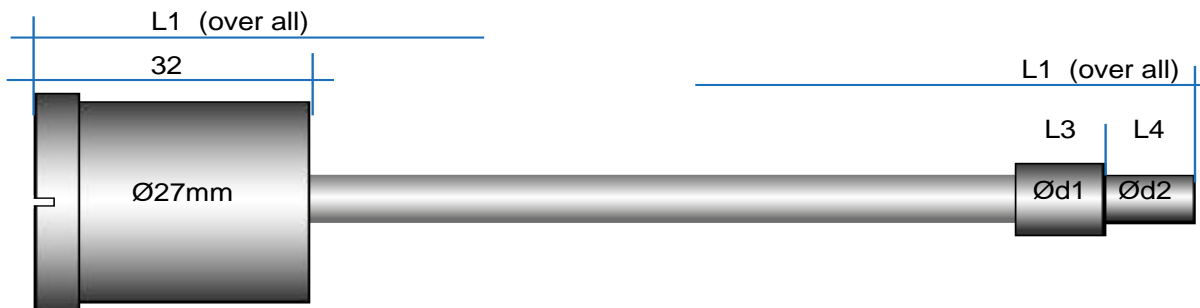


## Data sheet MATRIX light guide

### Light barrier with silicone protective sleeve

Light guides suitable for optical sensors M30 x 1.5. The light guides are mounted with a union nut M30 x 1.5. These are usually not included in the scope of delivery and must be ordered separately. (Union nut M30 // 20mm)

|                       |   |
|-----------------------|---|
| <b>Function</b>       | <b>Diffuse reflectiv</b>  |
| Structure             | 1-armed   |
| Arm lengths           | Fixed, cannot be cut to length  |
| Fibre                 | Glass fibre bundle  |
| Active area           | Fibre bundles mixed or separated  |
| Coat                  | Silicone  |
| Bending radius        | 30mm  |
| Headboard             | Steel   |
| Operating temperature | -20°C to 120°C  |
| Working distance      | Depending on the arm length from the light guide and the sensor performance |
| Light frequency       | Preferably infrared   |
| Light attenuation     | Yes   |



25.11.21/PH

| Active surface approx. 2mm | Dimensions in mm |    |    |    |     |     |    |
|----------------------------|------------------|----|----|----|-----|-----|----|
|                            | L1               | L2 | L3 | L4 | D   | d1  | d2 |
| SKM-0500-02-T-GR           | 500              |    | 10 | 10 | 7,5 | 8,5 | 6  |
| SKM-1000-02-T-GR           | 1000             |    | 10 | 10 | 7,5 | 8,5 | 6  |
| SKM-1500-02-T-GR           | 1500             |    | 10 | 10 | 7,5 | 8,5 | 6  |
| SKM-2000-02-T-GR           | 2000             |    | 10 | 10 | 7,5 | 8,5 | 6  |