

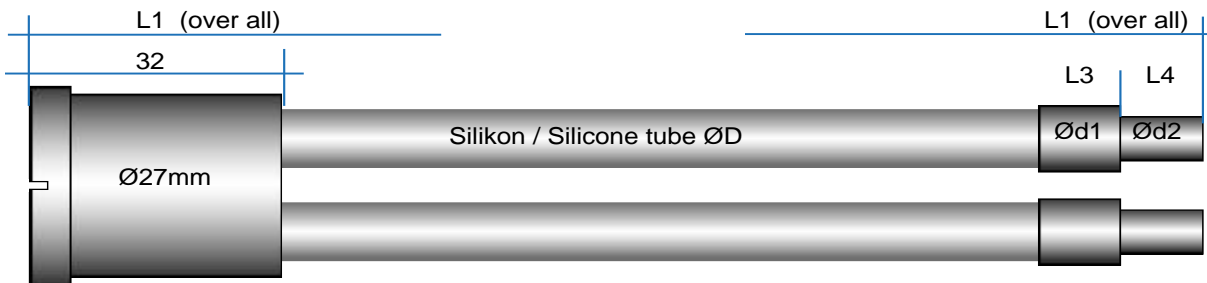
## Data sheet MATRIX light guide

### Light barrier with silicone protective sleeve for Ex zone 1, 2, 21, 22



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 M30x1,5 // 20mm)

Function	Light barrier <span style="float: right;">(The manufacturer's installation instructions must be observed).</span>
Structure	2-armed
Arm lengths	Fixed, cannot be cut to length, Length tolerance +/- 50mm
Fibre	Glass fibre bundle
Active area	Fibre bundles mixed or separated
Coat	Silicone
Bending radius	50mm
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. 4mm <sup>2</sup>	Dimensions in mm						
	L1	L2	L3	L4	D	d1	d2
SKM-0200-04-L-GR-OP2	200		10	10	8	9	6
SKM-0500-04-L-GR-OP2	500		10	10	8	9	6
SKM-1000-04-L-GR-OP2	1000		10	10	8	9	6
SKM-1500-04-L-GR-OP2	1500		10	10	8	9	6
SKM-2000-04-L-GR-OP2	2000		10	10	8	9	6