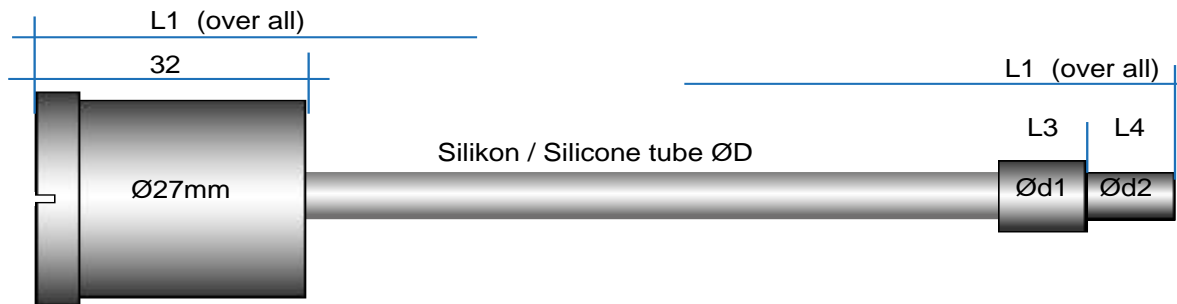


## Data sheet MATRIX light guide

### Light sensor with silicone protective sleeve

Light guides suitable for optical non-Ex 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 reflective</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	50mm
Headboard	Steel/Alu
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. 2,2mm <sup>2</sup>	Dimensions in mm						
	L1	L2	L3	L4	D	d1	d2
YSI-500/1-I-M01	500		10	10	5	6	4
YSI-1000/1-I-M01	1000		10	10	5	6	4
YSI-1500/1-I-M01	1500		10	10	5	6	4