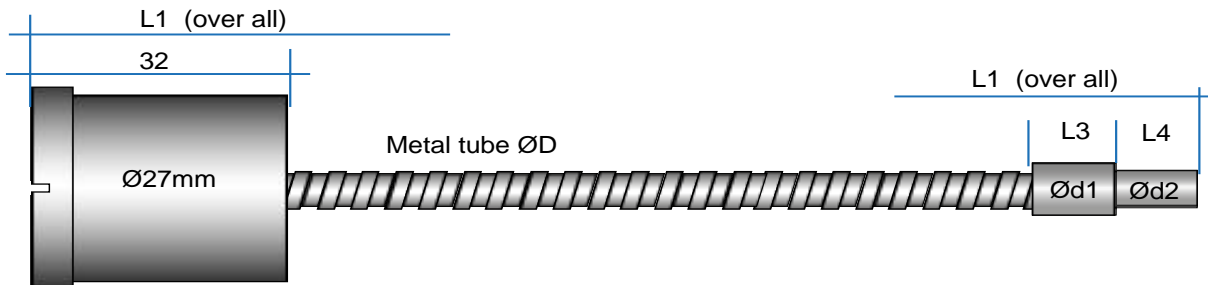


## Data sheet MATRIX light guide

### Light sensor with brass 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	Metal
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
YMS-500/1-I-M01		500		10	10	5	6	4
YMS-1000/1-I-M01		1000		10	10	5	6	4
YMS-2000/1-I-M01		2000		10	10	5	6	4

Active surface approx. 4mm <sup>2</sup>		Dimensions in mm						
		L1	L2	L3	L4	D	d1	d2
YMS-500/2-I-M01		500		10	10	5	7	5
YMS-1000/2-I-M01		1000		10	10	5	7	5
YMS-2000/2-I-M01		2000		10	10	5	7	5