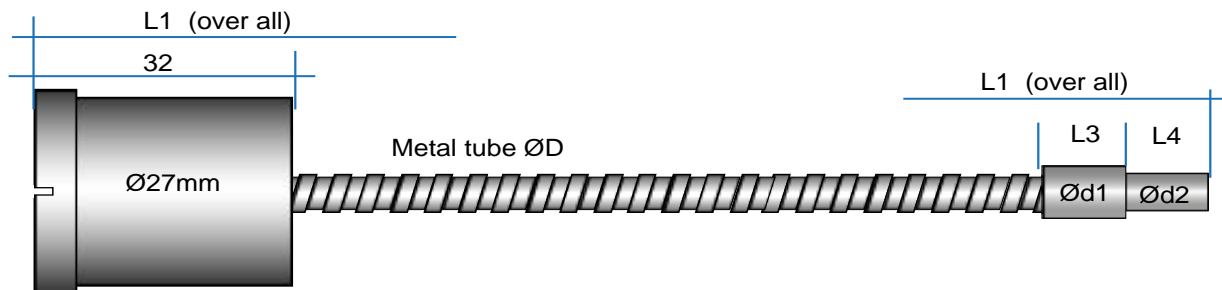


## Data sheet MATRIX light guide

### Light barrier with metal protective sleeve for Ex zone 0, 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 M30 // 20mm)

<b>Function</b>	<b>Diffuse reflectiv</b> (The manufacturer's installation instructions must be observed).
Structure	1-armed
Arm lengths	Fixed, cannot be cut to length
Fibre	Glass fibre bundle
Active area	Fibre bundles mixed or separated
Coat	Brass
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
MSM-0500-02-T-GR-OP1	500		10	10	7	8	6
MSM-1000-02-T-GR-OP1	1000		10	10	7	8	6
MSM-1500-02-T-GR-OP1	1500		10	10	7	8	6
MSM-2000-02-T-GR-OP1	2000		10	10	7	8	6

Active surface approx. 4mm	Dimensions in mm						
	L1	L2	L3	L4	D	d1	d2
MSM-0500-04-T-GR-OP1	500		15	10	7	12	7
MSM-1000-04-T-GR-OP1	1000		15	10	7	12	7
MSM-1500-04-T-GR-OP1	1500		15	10	7	12	7
MSM-2000-04-T-GR-OP1	2000		15	10	7	12	7