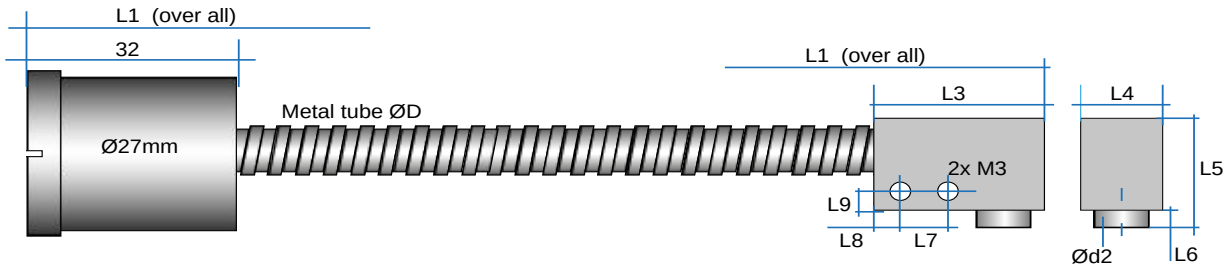
Data sheet MATRIX light guide

Light barrier with steel 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)

Function	**Diffuse reflectiv** (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	Steel
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. 5mm	**Dimensions in mm**										
	L1	L2	L3	L4	L5	L6	L7	L8	L9	D	d2
MSM-0500-03-T-KL-OP2	500		25	12	18	3	7	4	3	8	8
MSM-1000-03-T-KL-OP2	1000		25	12	18	3	7	4	3	8	8
MSM-2000-03-T-KL-OP2	2000		25	12	18	3	7	4	3	8	8