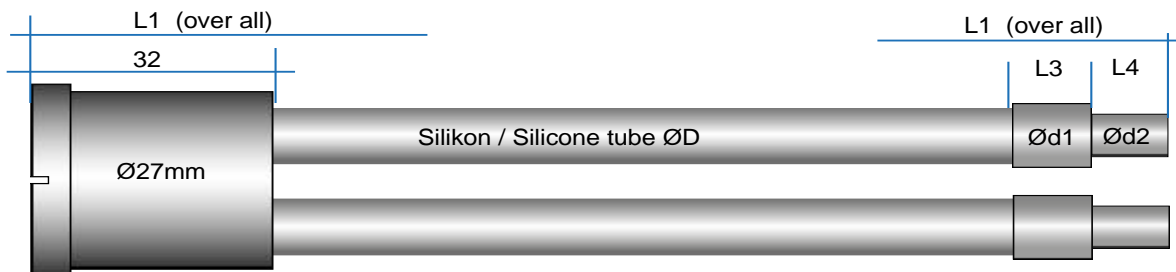


Data sheet MATRIX light guide

Light barrier with silicone protective tube

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	Light barrier
Structure	2-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. 1,1mm	Dimensions in mm						
	L1	L2	L3	L4	D	d1	d2
LLSI-500/1-II-M03	500		10	10	7	9	6
LLSI-1000/1-II-M03	1000		10	10	7	9	6

Active surface approx. 2,2mm	Dimensions in mm						
	L1	L2	L3	L4	D	d1	d2
LLSI-500/2-II-M01	500		10	10	5,5	6	4
LLSI-1000/2-II-M01	1000		10	10	5,5	6	4
LLSI-2000/2-II-M01	2000		10	10	5,5	6	4

Active surface approx. 4mm	Dimensions in mm						
	L1	L2	L3	L4	D	d1	d2
LLSI-500/4-II-M03	500		10	10	7	9	6
LLSI-1000/4-II-M03	1000		10	10	7	9	6
LLSI-1500/4-II-M03	1500		10	10	7	9	6
LLSI-2000/4-II-M03	2000		10	10	7	9	6