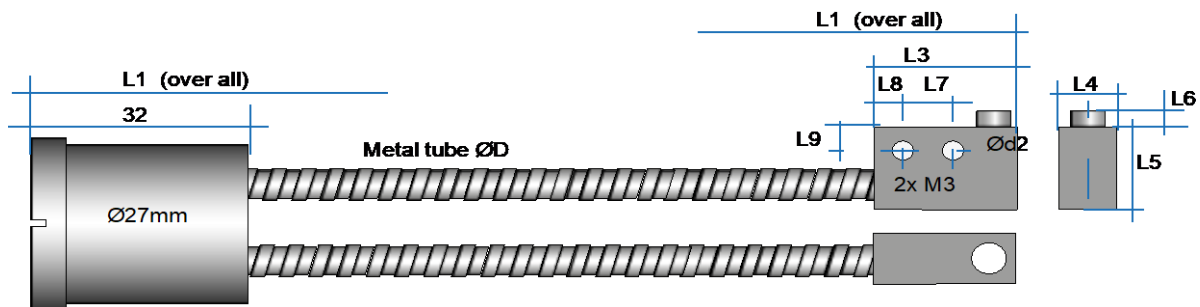


## Data sheet MATRIX light guide

### Light barrier with metal 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)

<b>Function</b>	<b>Light barrier</b>
Structure	2-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. 1,1mm <sup>2</sup>	Dimensions in mm											
	L1	L2	L3	L4	L5	L6	L7	L8	L9	D	d1	d2
LLMS-500/1-II-90°-M05	500		20	8	13	2	7	4	4	5		4,9
LLMS-1000/1-II-90°-M05	1000		20	8	13	2	7	4	4	5		4,9
LLMS-2000/1-II-90°-M05	2000		20	8	13	2	7	4	4	5		4,9

Active surface approx. 2,2mm <sup>2</sup>	Dimensions in mm											
	L1	L2	L3	L4	L5	L6	L7	L8	L9	D	d1	d2
LLMS-500/2-II-90°-M05	500		20	8	13	2	7	4	4	5		4,9
LLMS-1000/2-II-90°-M05	1000		20	8	13	2	7	4	4	5		4,9
LLMS-2000/2-II-90°-M05	2000		20	8	13	2	7	4	4	5		4,9