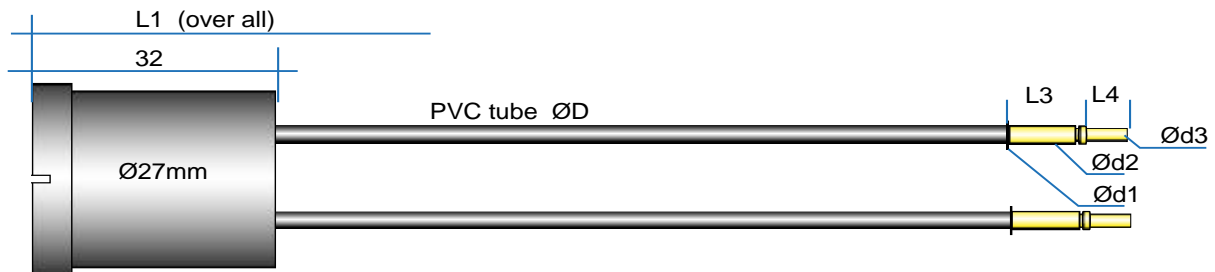


Data sheet MATRIX light guide

Light barrier with PVC 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	PVC
Bending radius	50mm
Headboard	Brass
Operating temperature	20°C - 80°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. 1mm	Dimensions in mm							
	L1	L2	L3	L4	D	d1	d2	d3
LLC-500/1-MM	500	500	10	5	2,5	4	2,8	1,8
LLC-1000/1-MM	1000	1000	10	5	2,5	4	2,8	1,8
LLC-1000-800/1-MM	1000	800	10	5	2,5	4	2,8	1,8
LLC-1800-2100/1-MM	1800	2100	10	5	2,5	4	2,8	1,8

Active surface approx. 2 mm	Dimensions in mm							
	L1	L2	L3	L4	D	d1	d2	d3
LLC-500/2-MM	500	500	10	5	4	5,4	4,2	2,9
LLC-1000/2-MM	1000	1000	10	5	4	5,4	4,2	2,9
LLC-1000-795/2-MM	1000	795	10	5	4	5,4	4,2	2,9