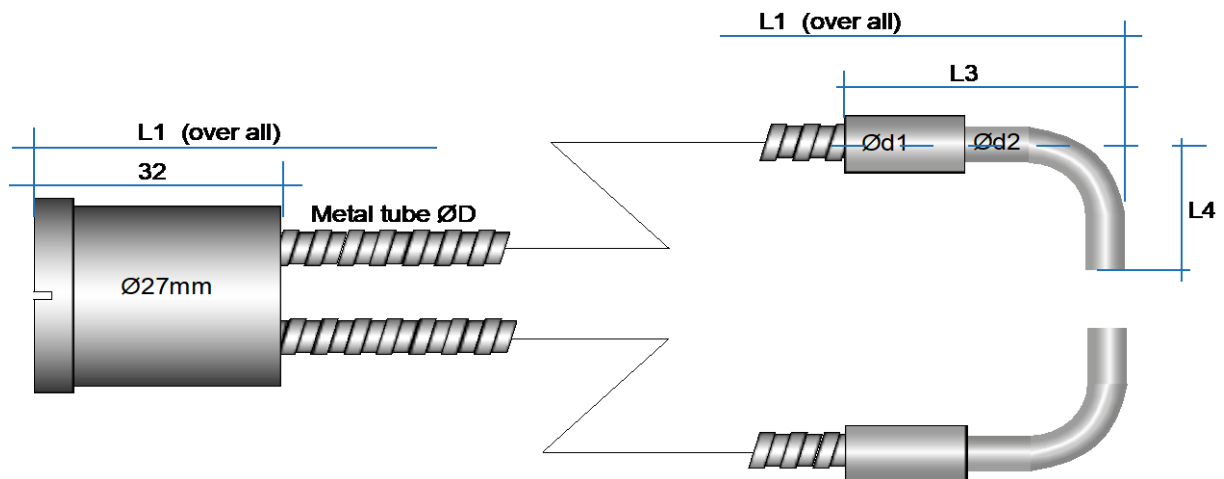


Data sheet MATRIX light guide

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 M30x1,5 // 20mm)

Function	Light barrier (The manufacturer's installation instructions must be observed).
Structure	2-armed
Arm lengths	Fixed, cannot be cut to length, Length tolerance +/- 50mm
Fibre	Glass fibre bundle
Active area	Fibre bundles mixed or separated
Coat	Brass
Bending radius	50mm
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. 4mm	Dimensions in mm						
	L1	L2	L3	L4	D	d1	d2
MSM-0500-03-L-BO-OP1	500		22,5	17,5	7	8	5
MSM-1000-03-L-BO-OP1	1000		22,5	17,5	7	8	5
MSM-2000-03-L-BO-OP1	2000		22,5	17,5	7	8	5
MSM-3000-03-L-BO-OP1	3000		22,5	17,5	7	8	5