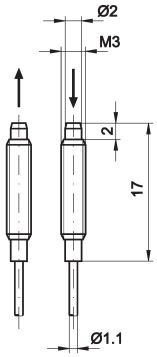
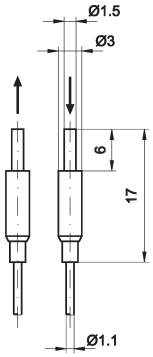
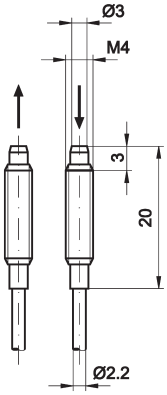
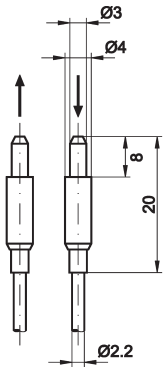
- Einweg-Schranken
- Taster
- Zubehör

Artikel-Nr.	LS208959	LS208960	LS208161	LS208162
Variante	M3 / 2 rund	Ø 3 / 1,5 rund	M4 / 3 rund	4 / 2 rund
Länge	2000mm	2000mm	2000mm	2000mm
Reichweite	100mm	100mm	200mm	100mm
Material	Messing	Aluminium	Messing	Messing
Abmessung (Mantel)	2 x Ø 1,1mm	2 x Ø 1,1mm	2 x Ø 2,2mm	2 x Ø 2,2mm
Abmessung (Faser)	2 x Ø 0,5mm	2 x Ø 0,5mm	2 x Ø 1mm	2 x Ø 0,5mm
Biegeradius (starr/flex)	25mm/-	25mm/-	25mm/-	25mm/-
Lichtaustritt	axial	axial	axial	axial
Temperatur (Betrieb)	-30 ... +70°C	-30 ... +70°C	-30 ... +70°C	-30 ... +70°C

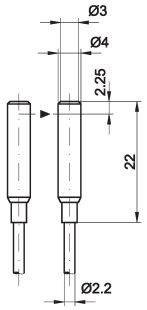


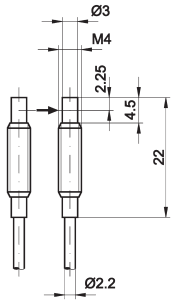


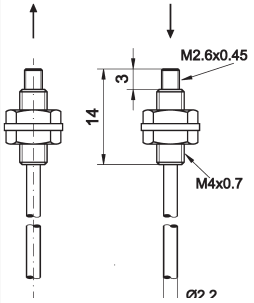


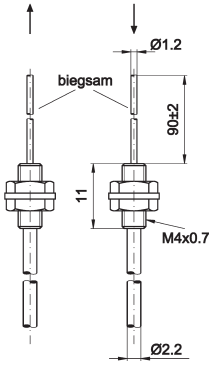


Artikel-Nr.	LS208163	LS208164	LS208050	LS208051
Variante	Ø 4 / 90°	M4 / Ø 3 / 90°	M4 / M2,6	M4 / Ø 0,7
Länge	2000mm	2000mm	2000mm	2000mm
Reichweite	100mm	200mm	120mm	100mm
Material	Aluminium	Aluminium	Messing	Messing
Abmessung (Mantel)	2 x Ø 2,2mm	2 x Ø 2,2mm	2 x Ø 2,2mm	2 x Ø 2,2mm
Abmessung (Faser)	2 x Ø 1,0mm	2 x Ø 1,0mm	2 x Ø 1,0mm	2 x Ø 1,0mm
Biegeradius (starr/flex)	25mm/-	25mm/-	25mm/-	25mm/-
Lichtaustritt	seitlich	seitlich	axial	axial
Temperatur (Betrieb)	-30 ... +70°C	-30 ... +70°C	-25 ... +70°C	-25 ... +70°C

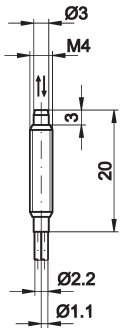


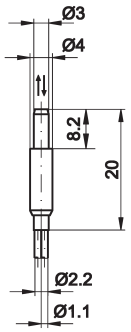


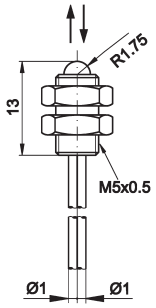


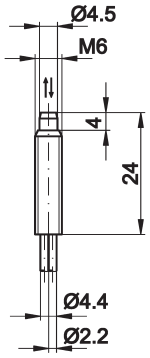


Artikel-Nr.	LT208955	LT208956	LT208957	LT208157
Variante	M4 / Ø 3,0	Ø 4 / Ø 3,0	M5x0,5	M6 / Ø 4,5
Länge	2000mm	2000mm	2000mm	2000mm
Tastweite	35mm	35mm	60mm	75mm
Material	Messing	Aluminium	V2A	Messing
Abmessung (Mantel)	2 x Ø 1,1mm	2 x Ø 1,1mm	2 x Ø 1,0mm	2 x Ø 2,2mm
Abmessung (Faser)	2 x Ø 0,5mm	2 x Ø 0,5mm	2 x Ø 0,5mm	2 x Ø 1,0mm
Biegeradius (starr/flex)	25mm/-	25mm/-	25mm/-	25mm/-
Lichtaustritt	axial	axial	axial, zyl. Lichtstrahl	axial
Temperatur (Betrieb)	-30 ... +70°C	-30 ... +70°C	-25 ... +70°C	-30 ... +70°C

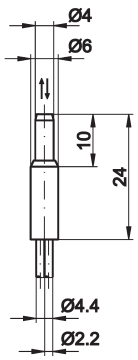


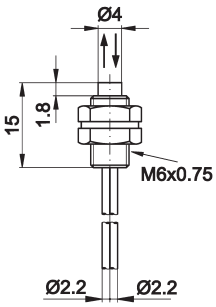


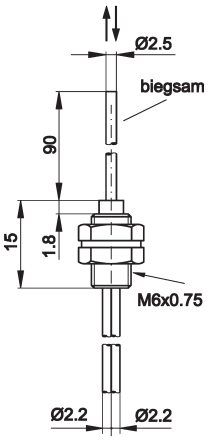




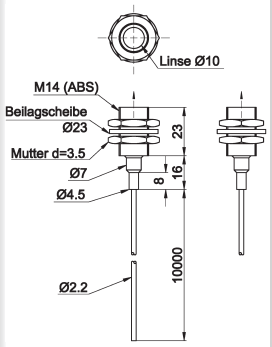
Artikel-Nr.	LT208158	LT208052	LT208053	
Variante	Ø 6mm / Ø 4mm	M6x0,75	M6x0,75	
Länge	2000mm	2000mm	2000mm	
Tastweite	75mm	40mm	30mm	
Material	Messing	Messing	Messing	
Abmessung (Mantel)	2 x Ø 2,2mm	2 x Ø 2,2mm	2 x Ø 2,2mm	
Abmessung (Faser)	2 x Ø 1,0mm	2 x Ø 1,0mm	2 x Ø 1,0mm	
Biegeradius (starr/flex)	25mm/-	25mm/-	25mm/-	
Lichtaustritt	axial	axial	axial	
Temperatur (Betrieb)	-30 ... +70°C	-25 ... +70°C	-25 ... +70°C	

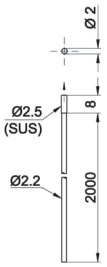


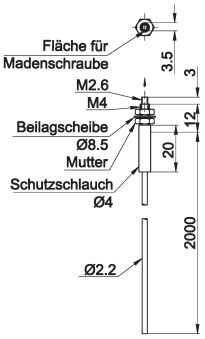


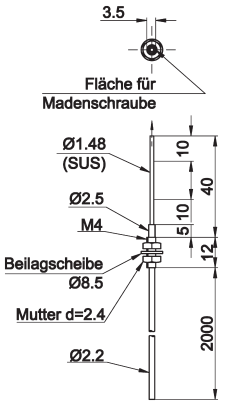


Artikel-Nr.	LSA07001	LS207002	LS207003	LS207006
Variante	M14mm	Ø 2,5mm / Ø 2,0mm	M4 / M2,6	M4 / Ø 1,48mm
Länge	10000mm	2000mm	2000mm	2000mm
Reichweite	14000mm	800mm	350mm	400mm
Abmessung (Mantel)	2 x Ø 2,2mm	2 x Ø 2,2mm	2 x Ø 2,2mm	2 x Ø 2,2mm
Abmessung (Faser)	2 x Ø 1,0mm	2 x Ø 1,0mm	2 x Ø 1,0mm	2 x Ø 1,0mm
Biegeradius (starr/flex)	4mm/10mm	10mm/-	4mm/10mm	4mm/10mm
Lichtaustritt	axial	axial	axial	axial
Temperatur (Betrieb)	-40 ... +70°C	-40 ... +70°C	-55 ... +80°C	-55... +80°C
Schutzart (EN 60529)	IP67	IP40	IP67	IP67

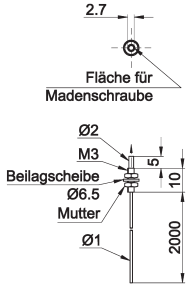


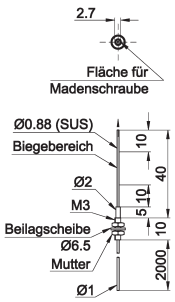


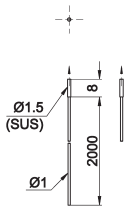


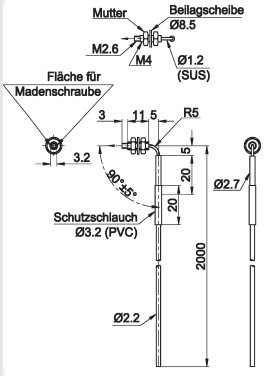


Artikel-Nr.	LS207009	LS207011	LS207012	LS207013
Variante	M3 / Ø 2,0mm	M3 / Ø 0,88mm	Ø 1,5mm	M4 / M2,6
Länge	2000mm	2000mm	2000mm	2000mm
Reichweite	140mm	140mm	140mm	230mm
Abmessung (Mantel)	2 x Ø 1,0mm	2 x Ø 1,0mm	2 x Ø 1,0mm	2 x Ø 2,2mm
Abmessung (Faser)	2 x Ø 0,5mm	2 x Ø 0,5mm	2 x Ø 0,5mm	2 x Ø 1,0mm
Biegeradius (starr/flex)	2mm/10mm	2mm/10mm	2mm/10mm	4mm/10mm
Lichtaustritt	axial	axial	axial	axial
Temperatur (Betrieb)	-55 ... +80°C	-55 ... +80°C	-55 ... +80°C	-55... +80°C
Schutzart (EN 60529)	IP67	IP67	IP67	IP67

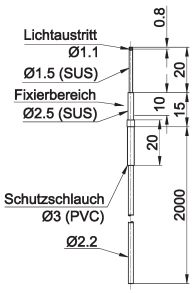


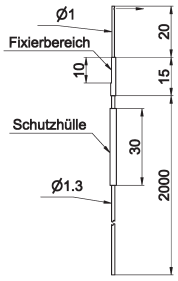


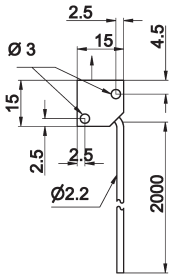


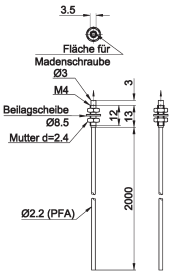


Artikel-Nr.	LS207014	LS207022	LS207023	LS207031
Variante	Ø 2,5mm / Ø 1,5mm	Ø 2,0mm / Ø 1,0mm	Ø 2,5mm / Ø 1,0mm	M4 / Ø 3,0mm
Länge	2000mm	2000mm	2000mm	2000mm
Reichweite	200mm	180mm	80mm	250mm
Abmessung (Mantel)	2 x Ø 2,2mm	2 x Ø 1,5mm	2 x Ø 1,0mm	2 x Ø 2,2mm
Abmessung (Faser)	2 x Ø 1,0mm	2 x Ø 1,0mm	2 x Ø 0,5mm	2 x Ø 1,0mm
Biegeradius (starr/flex)	4mm/10mm	4mm/10mm	2mm/10mm	25mm/25mm
Lichtaustritt	axial	axial	axial	axial
Temperatur (Betrieb)	-55 ... +80°C	-55 ... +80°C	-55 ... +80°C	-60... +130°C
Schutzart (EN 60529)	IP30	IP30	IP40	IP40

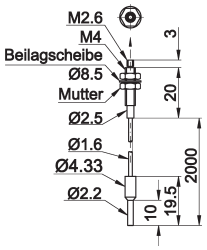




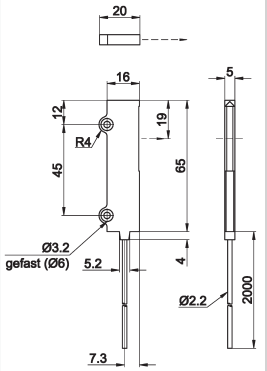


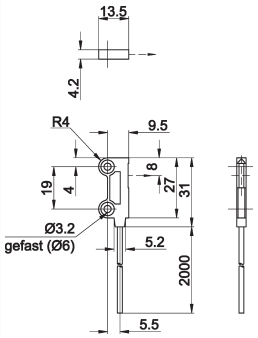


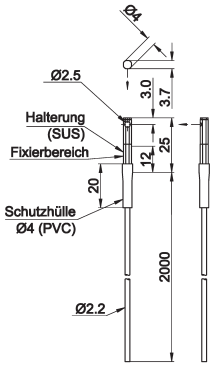
Artikel-Nr.	LS207032
Variante	M4 / M2,6
Länge	2000mm
Reichweite	140mm
Abmessung (Mantel)	2 x 2,2mm rund
Abmessung (Faser)	2 x 1mm
Biegeradius (starr/flex)	10mm/10mm
Lichtaustritt	axial
Temperatur (Betrieb)	-60 ... +200°C
Schutzart (EN 60529)	IP40

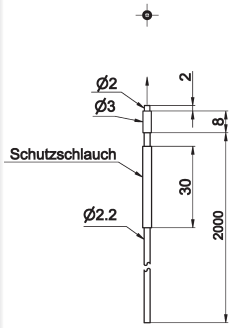


Artikel-Nr.	LS207101	LS207102	LS207106	LS207115
Variante	5 x 20 x 69mm	4,2 x 13,5 x 31mm	Ø 4mm	M4 / M2,6
Länge	2000mm	2000mm	2000mm	2000mm
Reichweite	350mm	1500mm	700mm	290mm
Abmessung (Mantel)	2 x Ø 2,2mm	2 x Ø 2,2mm	2 x Ø 2,2mm	2 x Ø 2,2mm
Abmessung (Faser)	2 x Ø 1,1mm	2 x Ø 1,1mm	2 x Ø 1,1mm	2 x Ø 1,1mm
Biegeradius (starr/flex)	1mm/-	1mm/-	1mm/-	1mm/-
Lichtaustritt	seitlich, Zeile 32mm	seitlich, Zeile 11mm	axial	axial
Temperatur (Betrieb)	-40 ... +55°C	-40 ... +55°C	-40 ... +60°C	-40... +60°C
Schutzart (EN 60529)	IP40	IP40	IP30	IP67

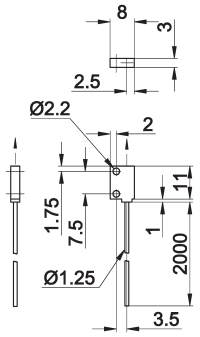


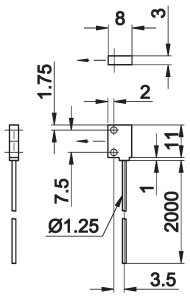


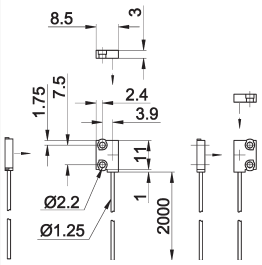


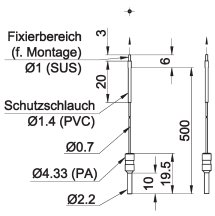


Artikel-Nr.	LS207203	LS207204	LS207205	LS207209
Variante	3 x 8 x 12mm	3 x 8 x 12mm	8,5 x 12 x 3mm	Ø 1,0mm
Länge	2000mm	2000mm	2000mm	500mm
Reichweite	1400mm	800mm	400mm	40mm
Abmessung (Mantel)	2 x Ø 1,25mm	2 x Ø 1,25mm	2 x Ø 1,25mm	2 x Ø 1,0mm
Abmessung (Faser)	2 x Ø 0,5mm	2 x Ø 0,5mm	2 x Ø 0,5mm	2 x Ø 0,5mm
Biegeradius (starr/flex)	2mm/10mm	2mm/10mm	2mm/10mm	2mm/10mm
Lichtaustritt	axial	seitlich	quer	axial
Temperatur (Betrieb)	-40 ... +60°C	-40 ... +60°C	-40 ... +60°C	-55... +80°C
Schutzart (EN 60529)	IP40	IP40	IP40	IP67









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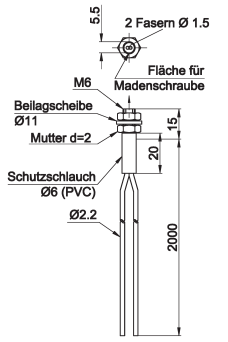
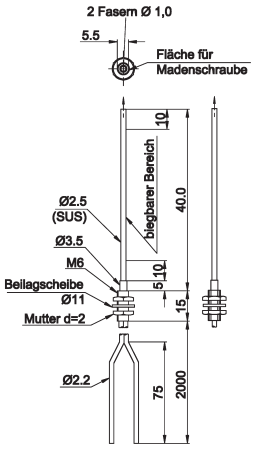
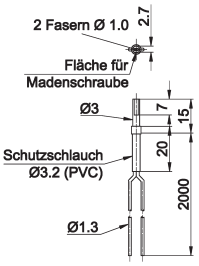
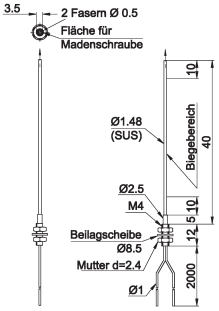
Artikel-Nr.	LT207001	LT207004	LT207007	LT207012
Variante	M6 / Ø 5,5mm	M6 / Ø 2,5mm	Ø 3,0mm	M4 / Ø 2,5mm
Länge	2000mm	2000mm	2000mm	2000mm
Tastweite	220mm	110mm	110mm	45mm
Abmessung (Mantel)	Ø 2,2mm	Ø 2,2mm	2 x Ø 1,3mm	2 x Ø 1,0mm
Abmessung (Faser)	Ø 1,1mm	Ø 1,1mm	2 x Ø 1,0mm	2 x Ø 0,5mm
Biegeradius (starr/flex)	4mm/10mm	4mm/10mm	4mm/10mm	2mm/10mm
Lichtaustritt	axial	axial	axial	axial
Temperatur (Betrieb)	-55 ... +80°C	-55 ... +80°C	-55 ... +80°C	-55... +80°C
Schutzart (EN 60529)	IP67	IP67	IP67	IP67

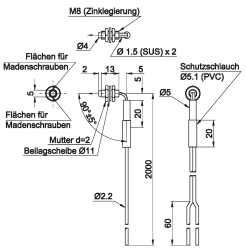


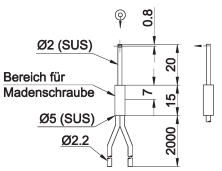


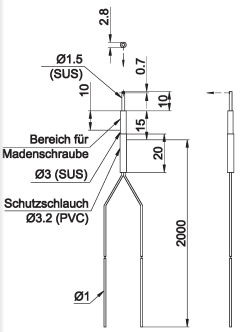


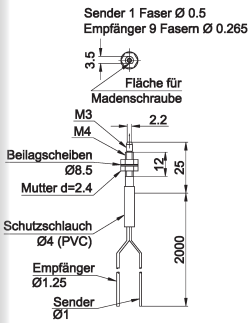


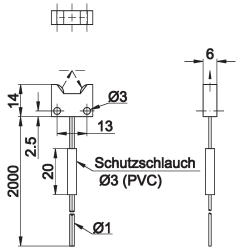
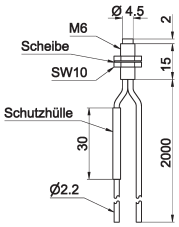
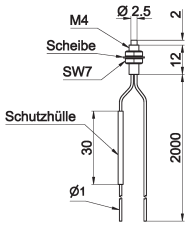
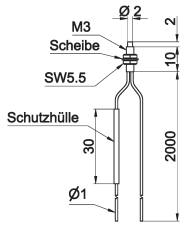
Artikel-Nr.	LT207014	LT207015	LT207016	LT207017
Variante	M6 / Ø 4,0mm	Ø 5,0mm / Ø 2,0mm	Ø 3,0mm / Ø 1,5mm	M4 / M3
Länge	2000mm	2000mm	2000mm	2000mm
Tastweite	85mm	45mm	25mm	55mm
Abmessung (Mantel)	2 x Ø 2,2mm	2 x Ø 2,2mm	2 x Ø 1,0mm	Ø 1,0 / Ø 1,25mm
Abmessung (Faser)	2 x Ø 1,0mm	2 x Ø 1,1mm	2 x Ø 0,5mm	2 x Ø 0,5mm
Biegeradius (starr/flex)	4mm/10mm	4mm/10mm	2mm/10mm	2mm/10mm
Lichtaustritt	axial	seitlich	seitlich	axial
Temperatur (Betrieb)	-55 ... +80°C	-55 ... +80°C	-55 ... +80°C	-55... +80°C
Schutzart (EN 60529)	IP67	IP30	IP30	P40



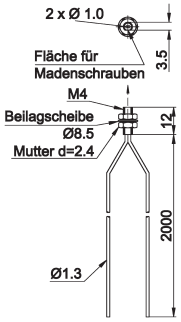


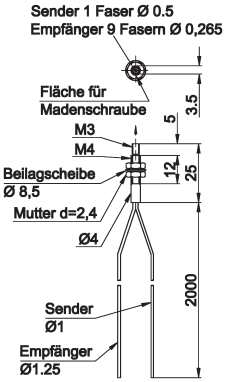


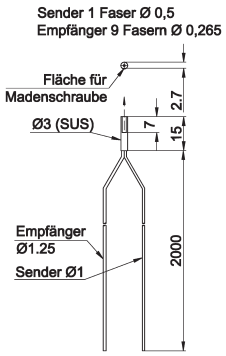


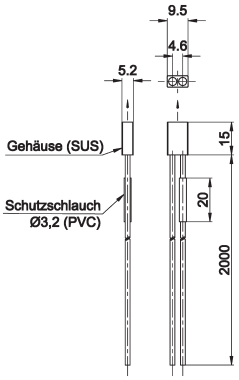
Artikel-Nr.	LT207018	LT207021	LT207022	LT207023
Variante	18 x 14 x 6mm	M6 / Ø 4,5mm	M4 / Ø 2,5mm	M3 / Ø 2,0mm
Länge	2000mm	2000mm	2000mm	2000mm
Tastweite	12mm	400mm	125mm	125mm
Abmessung (Mantel)	2 x Ø 1,0mm	2 x Ø 2,2mm	2 x Ø 1,0mm	2 x Ø 1,0mm
Abmessung (Faser)	2 x Ø 0,5mm	2 x Ø 1,0mm	2 x Ø 0,5mm	2 x Ø 0,5mm
Biegeradius (starr/flex)	2mm/10mm	2mm/10mm	2mm/10mm	2mm/10mm
Lichtaustritt	axial	axial	axial	axial
Temperatur (Betrieb)	-40 ... +70°C	-55 ... +80°C	-55 ... +80°C	-55... +80°C
Schutzart (EN 60529)	IP40	IP40	IP67	IP67
				

Artikel-Nr.	LT207102	LT207106	LT207107	LT207108
Variante	M4	M4 / M3	Ø 3,0mm	5,2 x 9,5 x 15mm
Länge	2000mm	2000mm	2000mm	2000mm
Tastweite	90mm	32mm	32mm	230mm
Abmessung (Mantel)	2 x Ø 1,3mm	Ø 1,0 / Ø 1,25mm	Ø 1,0 / Ø 1,25mm	2 x Ø 2,2mm
Abmessung (Faser)	2 x Ø 0,5mm	2 x Ø 0,5mm	2 x Ø 0,5mm	2 x Ø 1,1mm
Biegeradius (starr/flex)	1mm/-	1mm/-	1mm/-	1mm/-
Lichtaustritt	axial	axial	axial	axial, Glaslinse
Temperatur (Betrieb)	-40 ... +60°C	-40 ... +60°C	-40 ... +60°C	-25... +55°C
Schutzart (EN 60529)	IP67	IP40	IP40	IP40

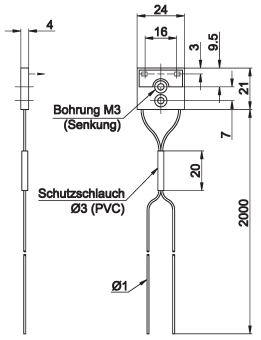


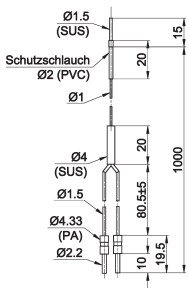






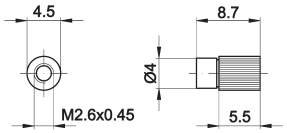
Artikel-Nr.	LT207109		LT107205	
Variante	24 x 21 x 4mm		Ø 4,0mm / Ø 1,5mm	
Länge	2000mm		1000mm	
Tastweite	12mm		25mm	
Abmessung (Mantel)	2 x Ø 1,0mm		2 x Ø 1,5mm	
Abmessung (Faser)	2 x Ø 0,5mm		2 x Ø 1,1mm	
Biegeradius (starr/flex)	1mm/-		2mm/10mm	
Lichtaustritt	seitlich		axial	
Temperatur (Betrieb)	-40 ... +60°C		-55 ... +80°C	
Schutzart (EN 60529)	IP40		IP40	





Zubehör

AL000001



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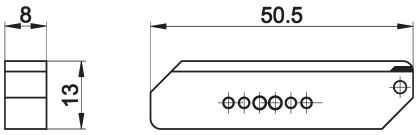

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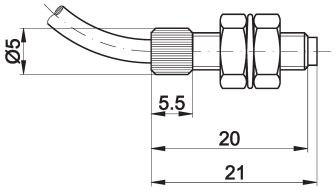

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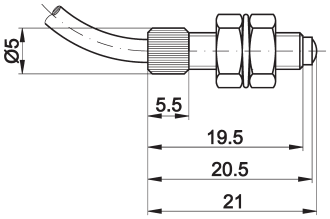

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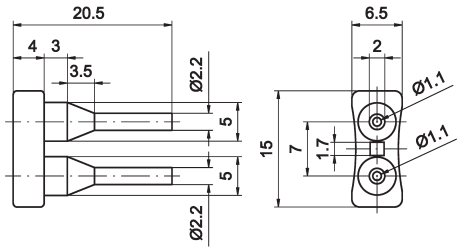

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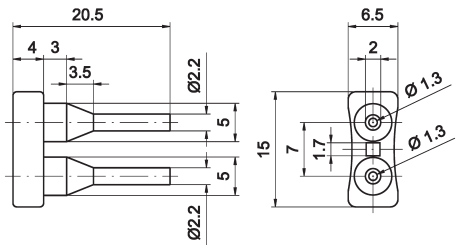


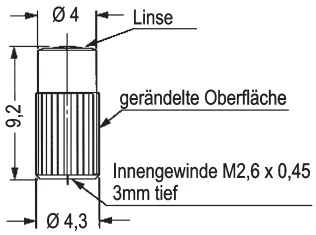
2

ZUBEHÖR

Artikel-Nr	Bauform	Bemerkung	Material	Verschiedenes
AL000001	M2,6x0,45	Optik	Messing	für LS208050
AL000007	8x13x50,5	Faser-Schneider	Kunstf	für Kunstf-Faser
AL000008	M4/21mm	Endstück	Ms	ohne Linse, für Kunstf-Faser
AL000009	M4/21mm mit Linse	Endstück, x3	Ms	mit Linse, für Kunstf-Faser
AL000003	1x2,2Ø,simplex	Faser-Lichtleiter	Faserdurchmesser 1mm	Länge nach Wunsch
AL000006	2x2,2Ø,duplex	Faser-Lichtleiter	Faserdurchmesser 2x1mm	Länge nach Wunsch
AL000016	Reduktionshülse 2,2/1,1		Kunststoff	
AL000027	Reduktionshülse 2,2/1,3		Kunststoff	

Zubehör

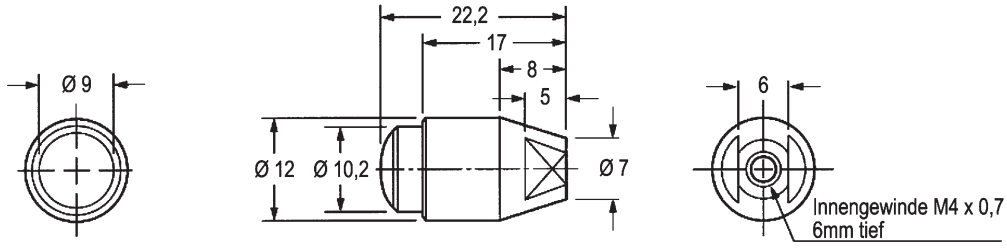
AL000019



Erzielbare Reichweiten [mm] (Linse auf beiden Seiten montiert)

	LONG	STD	FAST	S-D
LS207003	3500	2500	2000	1000
LS207007	3500	3500	2500	1300
LS207013	3500	2300	1600	800
LS207108	3500	2900	2000	1000
LS207206	3500	3500	2500	1100

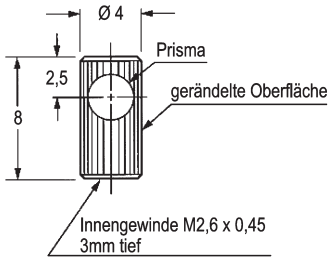
AL000020



Erzielbare Reichweiten [mm] (Linse auf beiden Seiten montiert)

	LONG	STD	FAST	S-D
LS207003	3500	2500	2000	1000
LS207007	3500	3500	2500	1300
LS207013	3500	2300	1600	800
LS207108	3500	2900	2000	1000
LS207206	3500	3500	2500	1100

AL000021

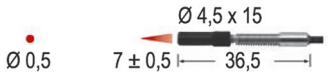


Erzielbare Reichweiten [mm] (Linse auf beiden Seiten montiert)

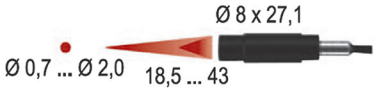
	LONG	STD	FAST	S-D
LS207003	1100	530	400	180
LS207007	1200	600	440	210
LS207108	900	450	330	160
LS207206	1200	600	440	210

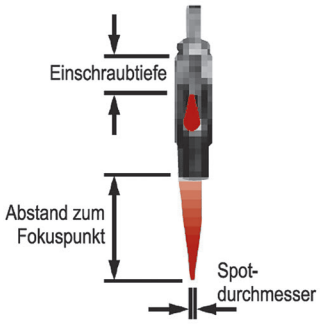
Zubehör

AL000023 Spotlinse



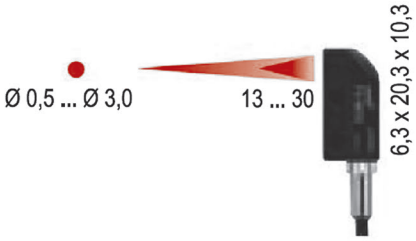
AL000024 Zoomlinse (zentral)

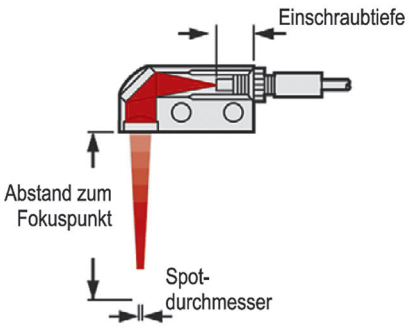




Einschraubtiefe	Abstand zum Fokuspunkt	Spotdurchmesser
7mm	ca. 18,5mm	Ø 0,7mm
12mm	ca. 27,0mm	Ø 1,2mm
14mm	ca. 43,0mm	Ø 2,0mm

AL000025 Zoomlinse (abgewinkelt)





Einschraubtiefe	Abstand zum Fokuspunkt	Spotdurchmesser
5mm	ca. 13mm	Ø 0,5mm
10mm	ca. 15mm	Ø 0,8mm
14mm	ca. 30mm	Ø 3,0mm

Sicherheitshinweis: Bei direkter Auswirkung auf die Personensicherheit ist die Anwendung dieser Produkte untersagt.

NOTIZEN