玻璃光纤
对射原理

083-135-202
订货号

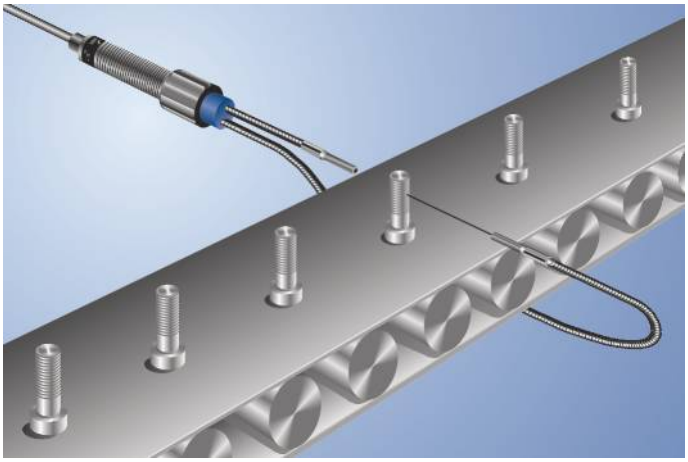


- **能够短时间内交货的轴承型号**
- **通过积木系统实现多种型号选择，匹配任何应用状况。**

技术数据

光学数据	
纤维束直径	0,8 mm
利用U_87__型传感器的作用范围	270 mm
利用U_88__型传感器的作用范围	180 mm
利用U_66__型传感器的作用范围	90 mm
利用U_55__型传感器的作用范围	45 mm
张角	68 °
光纤	阶跃指数
纤维直径	50 µm
机械数据	
温度范围	-25...80 °C
弯曲半径	21 mm
光缆长度	0,5 m
外皮材料	PVC
终端套管材料	铝
终端编号	35
光出口	侧面
光导适配器编号	02
适当的紧固技术编号	250

玻璃光缆非常柔韧，即便是狭窄的场地条件也可以使用。尤其是在环境温度较高的情况下，提供金属护套的玻璃光缆作为解决方案。



Fiber Optic Cable Combination

Choose your individual Glass Fiber Optic Cable

1 First you have to choose the required range. If you cannot find a suitable range please change to another Fiber bundle diameter. The range depends on the length of the Fiber optic cable and the switching range of the chosen wenglor sensor.

2 Choose the jacket and the endpot.

3 Choose the right adapter for your wenglor sensor.

4 Choose the length of the Fiber arm (in 0,25 m steps).

Fiber optic length			
2,0 m	1,5 m	1,0 m	0,5 m
180 mm	210 mm	240 mm	270 mm
120 mm	140 mm	160 mm	180 mm
60 mm	70 mm	80 mm	90 mm
30 mm	35 mm	40 mm	45 mm
120 mm	123 mm	126 mm	130 mm

Rw = Range

1 Sensor Type

- U_ 87 __
- U_ 88 __
- U_ 66 __
- U_ 55 __
- ODX

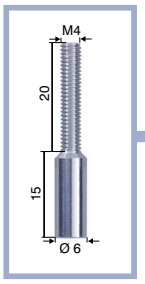
Jacket

PVC
Bending radius: 21 mm
Temperature Range: –25 °C...80 °C
Ø 2,1
1

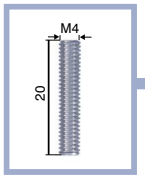
Stainless Steel
Bending radius: 50 mm
Temperature Range: –25 °C...250 °C*
Ø 4,9
3

Metal/Silicone
Bending radius: 35 mm
Temperature Range: –25 °C...180 °C
Ø 5,2
4

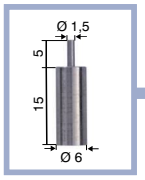
2 Endpot



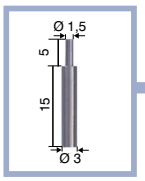
Aluminium **5 4**
Only with Brass Nickel-Plated, Stainless Steel and Metal/Silicone Jacket



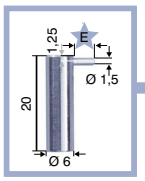
Aluminium **5 4**
Only with PVC jacket



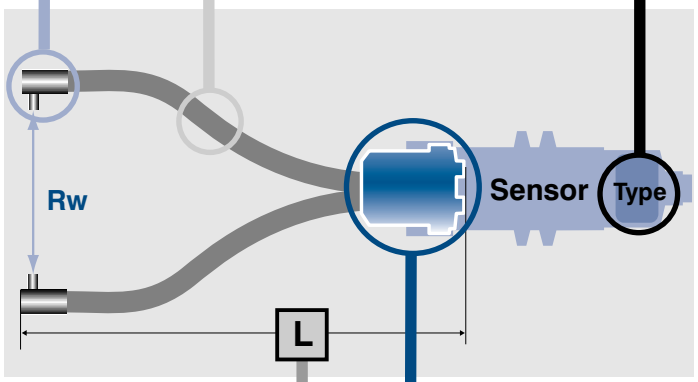
Stainless Steel **0 3**



Stainless Steel **0 1**
Only with PVC jacket



Aluminium **3 5**



3

Adapter	Sensor Type
1	UF __
5 6	US __
2 5 6	UV __
1	UG __
2	UC __
2	UM __
3	ODX __

4

- 0 1 = 0,25 m
- 0 2 = 0,5 m
- 0 3 = 0,75 m
- 0 4 = 1,0 m

The lengths are staggered in 0,25 m steps.

- 0 8 = 2,0 m

Order number 0 8 3 ? ? ? ? ? ?

Fiber bundle Ø 0,8 mm

Through beam mode

E= 4 mm Standard
please specify other lengths

*** Fibers heat resistant up to 180 °C, up to 250 °C only with order number addition "T"!**

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