玻璃光纤
对射原理

163-255-104

订货号

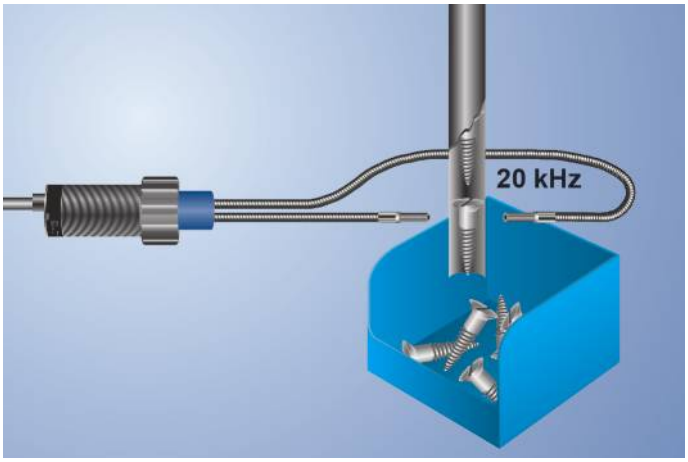


- **能够短时间内交货的轴承型号**
- **通过积木系统实现多种型号选择，匹配任何应用状况。**

技术数据

光学数据	
纤维束直径	1,6 mm
利用U_87__型传感器的作用范围	1260 mm
利用U_88__型传感器的作用范围	840 mm
利用U_66__型传感器的作用范围	420 mm
利用U_55__型传感器的作用范围	210 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...180 °C
弯曲半径	45 mm
光缆长度	1 m
外皮材料	CuZn，镀镍
终端套管材料	铝
终端编号	55
光出口	直
光导适配器编号	01
适当的紧固技术编号	220

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

wenglor
the innovative family

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
1020 mm	1140 mm	1260 mm	800 mm
680 mm	760 mm	840 mm	800 mm
340 mm	380 mm	420 mm	460 mm
170 mm	190 mm	210 mm	230 mm
450 mm	460 mm	480 mm	500 mm

Rw = Range

1 Sensor Type

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

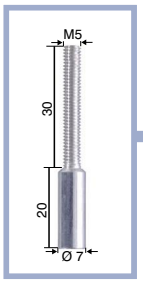
Jacket

PVC
Bending radius: 29 mm
Temperature Range: –25 °C...80 °C
Ø 2,3
1

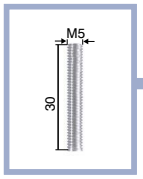
Stainless Steel
Bending radius: 50 mm
Temperature Range: –25 °C...250 °C*
Ø 4,9
3

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

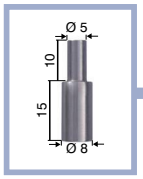
2 Endpot



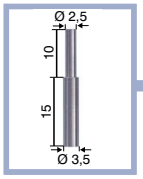
Aluminium **5 5**
Only with Brass Nickel-Plated, Stainless Steel and Metal/Silicone Jacket



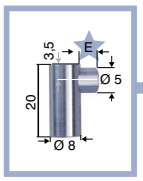
Aluminium **5 5**
Only with PVC jacket



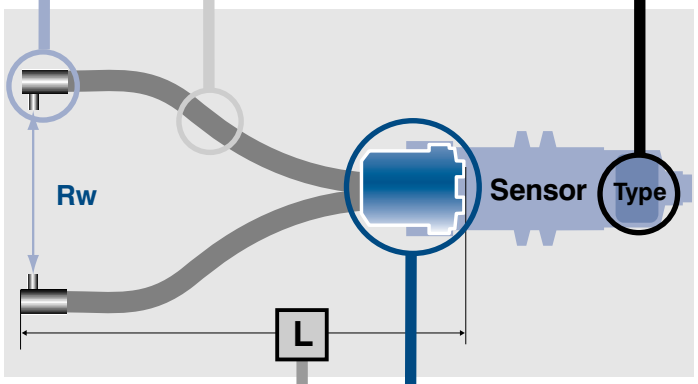
Stainless Steel **1 5**



Stainless Steel **0 6**
Only with PVC jacket



Aluminium **3 8**



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 1 6 3 ? ? ? ? ? ?

Fiber bundle Ø 1,6 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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