玻璃光纤
漫反射原理

081-207-202
订货号

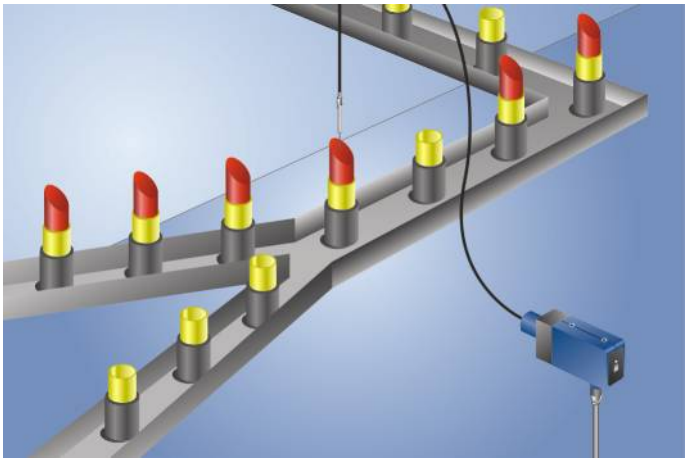


- **能够短时间内交货的轴承型号**
- **通过积木系统实现多种型号选择，匹配任何应用状况。**

技术数据

光学数据	
纤维束直径	0,8 mm
利用U_88__型传感器的探测范围	40 mm
利用U_66__型传感器的探测范围	20 mm
利用U_55__型传感器的探测范围	10 mm
张角	68 °
光纤	阶跃指数
纤维直径	50 µm
光纤分布	统计上的混合
机械数据	
温度范围	-25...180 °C
弯曲半径	45 mm
光缆长度	0,5 m
外皮材料	CuZn，镀镍
终端套管材料	不锈钢
终端编号	7
光出口	直
光导适配器编号	02
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			
1,0 m	0,75 m	0,5 m	0,25 m
32 mm	36 mm	40 mm	50 mm
16 mm	18 mm	20 mm	25 mm
8 mm	9 mm	10 mm	12 mm
30 mm	33 mm	36 mm	40 mm

Tw = Range

1 Sensor Type
- U_ 88 __
- U_ 66 __
- U_ 55 __
- ODX

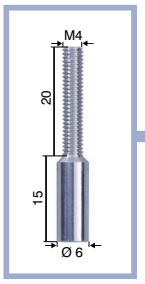
Jacket

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

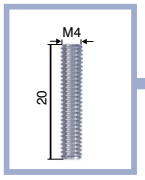
Stainless Steel
Bending radius: 50 mm
Temperature Range: –25 °C...250 °C*
Ø 4,9
3

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

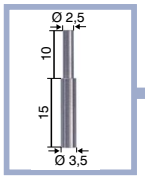
2 Endpot



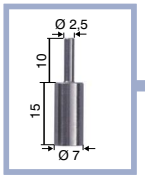
Aluminium **5 4**
Only with Brass Nickel-Plated, Stainless Steel and Metal/Silicone Jacket



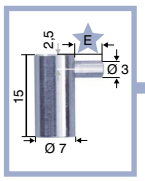
Aluminium **5 4**
Only with PVC jacket



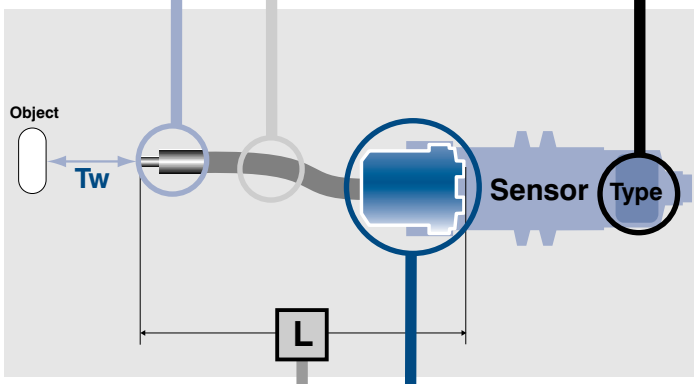
Stainless Steel **0 6**
Only with PVC jacket



Stainless Steel **0 7**



Aluminium **3 2**



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.

Order number 0 8 1 ? ? ? ? ? ?

Fiber bundle Ø 0,8 mm

Reflex 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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