玻璃光纤
漫反射原理

231-251-202
订货号

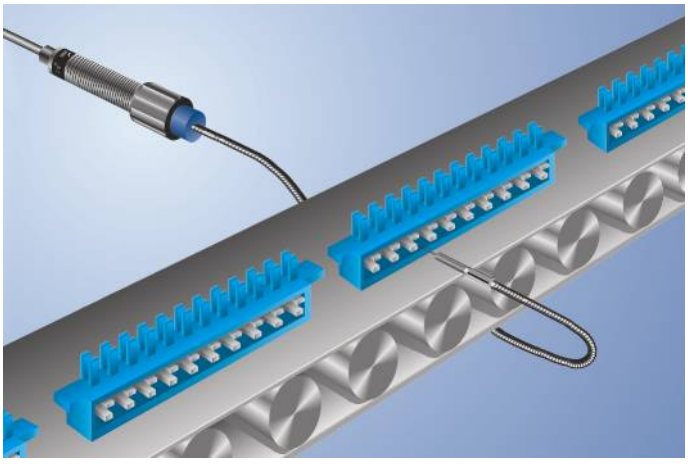


- **能够短时间内交货的轴承型号**
- **通过积木系统实现多种型号选择，匹配任何应用状况。**

技术数据

光学数据	
纤维束直径	2,3 mm
利用U_87__型传感器的探测范围	510 mm
利用U_88__型传感器的探测范围	340 mm
利用U_66__型传感器的探测范围	170 mm
利用U_55__型传感器的探测范围	85 mm
张角	68 °
光纤	阶跃指数
纤维直径	50 µm
光纤分布	分隔的光纤束
机械数据	
温度范围	-25...180 °C
弯曲半径	60 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	51
光出口	直
光导适配器编号	02
适当的紧固技术编号	190

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				
4,0 m	3,0 m	2,0 m	1,0 m	0,5 m
330 mm	360 mm	390 mm	450 mm	510 mm
220 mm	240 mm	260 mm	300 mm	340 mm
110 mm	120 mm	130 mm	150 mm	170 mm
55 mm	60 mm	65 mm	75 mm	85 mm

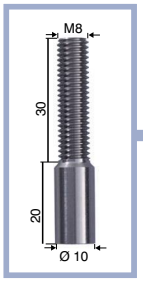
Tw = Range

1 Sensor Type

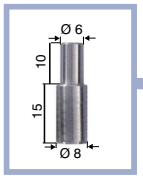
- U_ 87 __
- U_ 88 __
- U_ 66 __
- U_ 55 __

Jacket

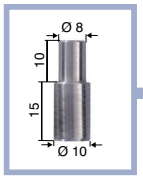
2 Endpot



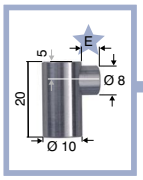
Stainless Steel **5 1**



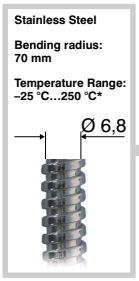
Stainless Steel **1 8**



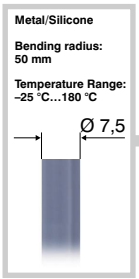
Stainless Steel **2 1**



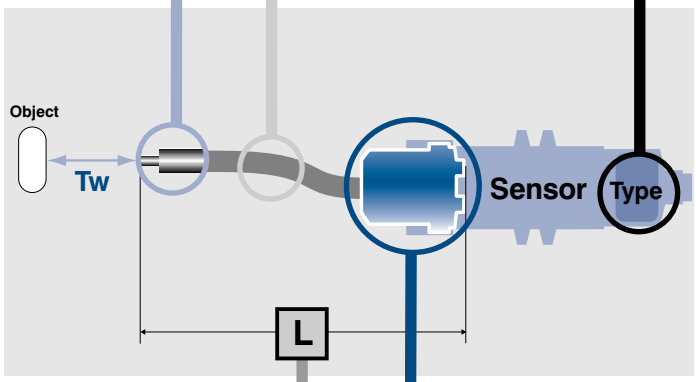
Stainless Steel **3 7**



3



4



3

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

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.

- 1 6 = 4,0 m

Order number 2 3 1 ? ? ? ? ? ?

Fiber bundle Ø 2,3 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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