玻璃光纤
对射原理

303-339-108
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	3 mm
利用U_87__型传感器的作用范围	3800 mm
利用U_88__型传感器的作用范围	3200 mm
利用U_66__型传感器的作用范围	1600 mm
利用U_55__型传感器的作用范围	800 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	50 mm
光缆长度 L	2 m
外皮材料	不锈钢 V2A，(1.4301 / 304)
终端套管材料	铝
终端编号	39
光出口	侧面
光导适配器编号	001
适当的紧固技术编号	180

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).

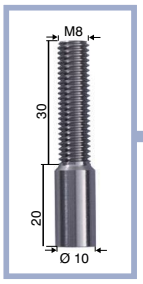
Fiber optic length				
5,0 m	4,0 m	3,0 m	2,0 m	1,0 m
3600 mm	4080 mm	4500 mm	3800 mm	1800 mm
2400 mm	2720 mm	3000 mm	3200 mm	1800 mm
1200 mm	1360 mm	1500 mm	1600 mm	1700 mm
600 mm	680 mm	750 mm	800 mm	850 mm

1 Sensor Type
- U_ 87 __
- U_ 88 __
- U_ 66 __
- U_ 55 __

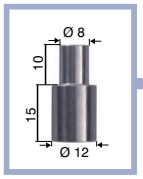
Rw = Range

Jacket

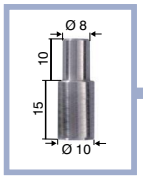
2 Endpot



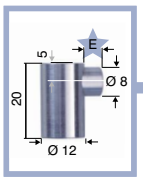
Stainless Steel **5 1**



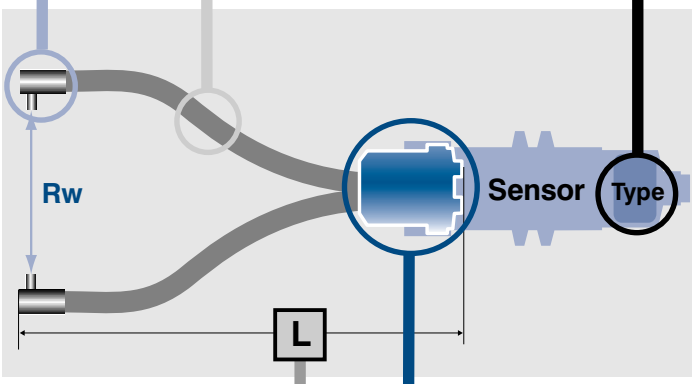
Stainless Steel **2 3**



Stainless Steel **2 1**



Aluminium **3 9**



3

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

2 Not with Metal/Silicone

4

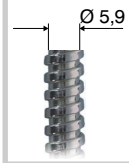
0 1	= 0,25 m
0 2	= 0,5 m
0 3	= 0,75 m
0 4	= 1,0 m

The lengths are staggered in 0,25 m steps.

1 6	= 4,0 m

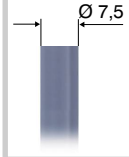
3

Stainless Steel
Bending radius: 60 mm
Temperature Range: –25 °C...250 °C*



4

Metal/Silicone
Bending radius: 50 mm
Temperature Range: –25 °C...180 °C



Order number 3 0 3 ? ? ? ? ? ?

Fiber bundle Ø 3,0 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"!**
**** Maximum length 5 m**

保留技术更改的权利
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