



- 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	0,5 mm
利用U_88_型传感器的探测范围	20 mm
利用U_66_型传感器的探测范围	10 mm
利用U_55_型传感器的探测范围	5 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...80 °C
弯曲半径	21 mm
光缆长度	0,25 m
外皮材料	PVC
终端套管材料	不锈钢
终端编号	1
光出口	直
光导适配器编号	02
适当的紧固技术编号	310

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 sensor.
- 2 Choose the jacket and the endpoint.
- 3 Choose the right adapter for your 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
12 mm	14 mm	16 mm	20 mm
6 mm	7 mm	8 mm	10 mm
3 mm	3 mm	4 mm	5 mm

1	Sensor Type
U_88	—
U_66	—
U_55	—

Jacket

1

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

2

Endpoint

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
Only with PVC jacket

Stainless Steel
0 1
Only with PVC jacket

Aluminium
3 5

3

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

4

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

Adapter

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.

Order number

0 5 1 ? ? ? ? ? ?

Fiber bundle Ø 0,5 mm

Reflex mode

Tw = Range

Object

Tw

L

Sensor Type

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