

# Glass Fiber-Optic Cable

Reflex Mode

## 081-154-202

Part Number



### Technical Data

#### Optical Data

Fiber Bundle Diameter	0,8 mm
Range with Sensor Type U_88	40 mm
Range with Sensor Type U_66	20 mm
Range with Sensor Type U_55	10 mm
Opening Angle	68 °
Fiber	Step Index
Fiber Diameter	50 µm
Fiber Distribution	statistical mixture

#### Mechanical Data

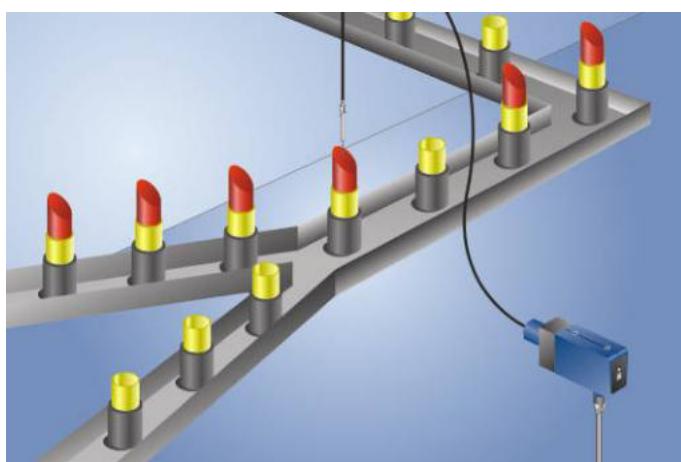
Temperature Range	-25...80 °C
Bending Radius	21 mm
Fiber-Optic Length	0,5 m
Jacket Material	PVC
Material End Sleeve	Aluminum
End Sleeve No.	54
Light Emission	straight

Fiber-Optic Cable Adapter No.

02

- A broad range of applications are possible due to the modular system design
- Stock types deliverable at short notice

Glass fiber optic cables are very flexible and can be used in applications with less space. Especially in applications with hot environment the metal casing fiber optic cables are the answer.



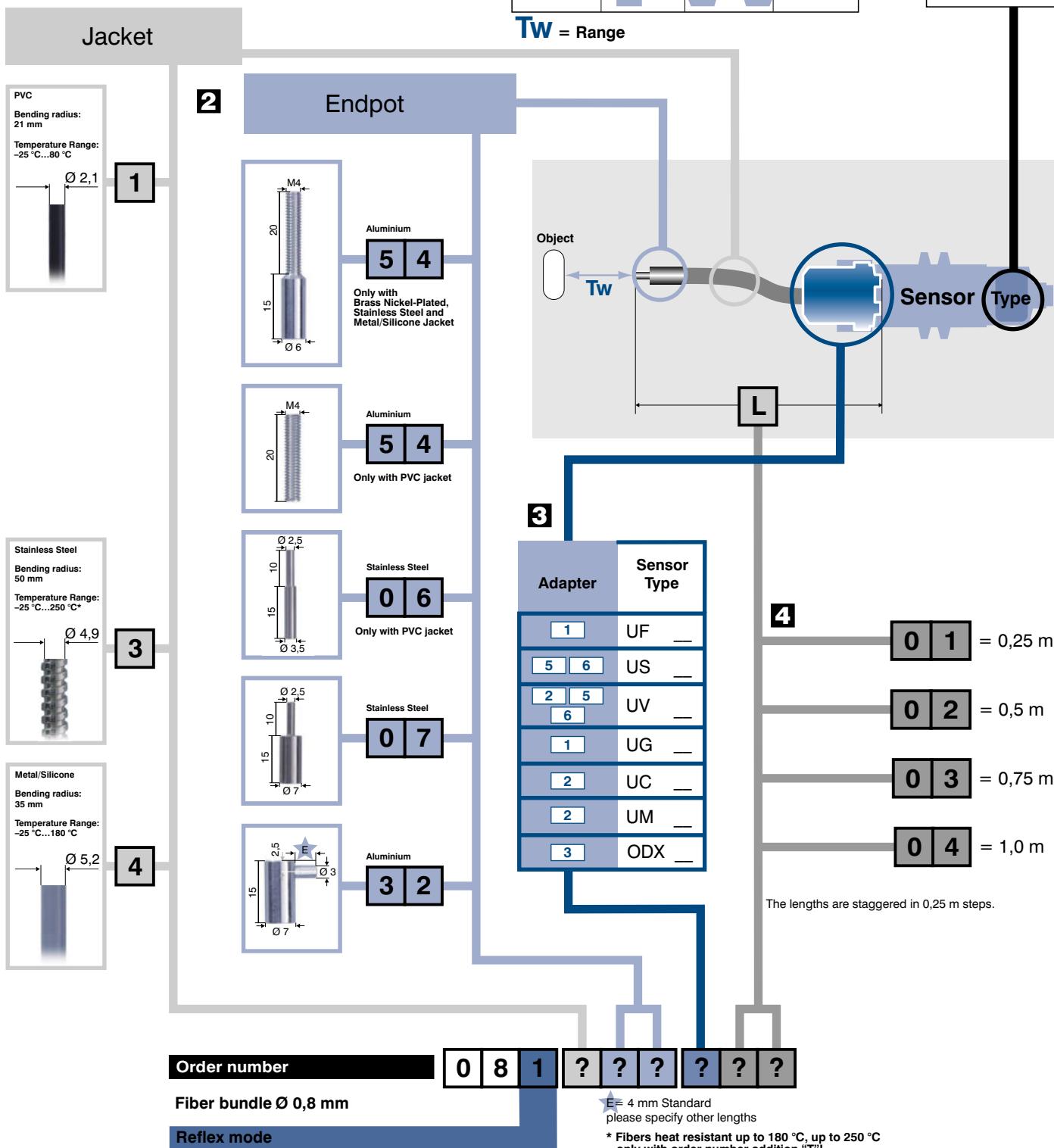
## **Fiber Optic Cable Combination**

## 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 endpoint.
- 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



Specifications are subject to change without notice