

# Glass Fiber-Optic Cable

Reflex Mode

## 161-138-202

Part Number



### Technical Data

#### Optical Data

Fiber Bundle Diameter	1,6 mm
Range with Sensor Type U_87	270 mm
Range with Sensor Type U_88	180 mm
Range with Sensor Type U_66	90 mm
Range with Sensor Type U_55	45 mm
Opening Angle	68 °
Fiber	Step Index
Fiber Diameter	50 µm
Fiber Distribution	statistical mixture

#### Mechanical Data

Temperature Range	-25...80 °C
Bending Radius	40 mm
Fiber-Optic Length	0,5 m
Jacket Material	PVC
Material End Sleeve	Aluminum
End Sleeve No.	38
Light Emission	sidewise

Fiber-Optic Cable Adapter No.

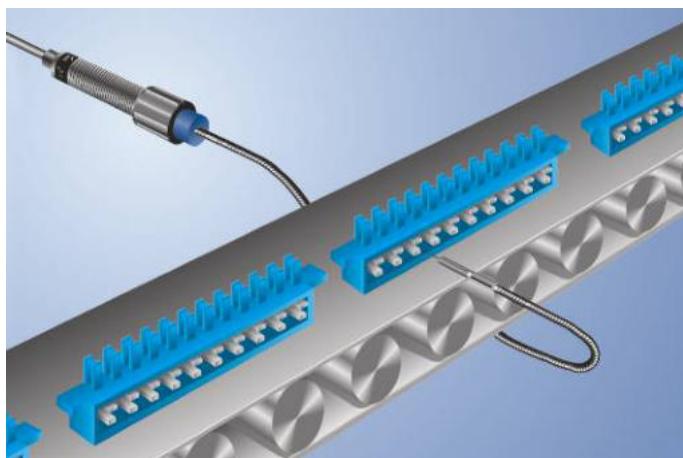
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Suitable Mounting Technology No.

210 | 230

- 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



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 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				
2,0 m	1,5 m	1,0 m	0,5 m	0,25 m
195 mm	215 mm	240 mm	270 mm	300 mm
130 mm	145 mm	160 mm	180 mm	200 mm
65 mm	72 mm	80 mm	90 mm	100 mm
32 mm	36 mm	40 mm	45 mm	50 mm
140 mm	150 mm	160 mm	170 mm	180 mm

1	Sensor Type
U_87	—
U_88	—
U_66	—
U_55	—
ODX	—

