## Glass Fiber-Optic Cable Through-Beam Mode

303-251-108

Part Number



- 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.



## **Technical Data**

Optical Data	
Fiber Bundle Diameter	3 mm
Range with Sensor Type U_87	3800 mm
Range with Sensor Type U_88	3200 mm
Range with Sensor Type U_66	1600 mm
Range with Sensor Type U_55	800 mm
Opening Angle	68 °
Fiber	Step Index
Fiber Diameter	50 μm
Mechanical Data	
Temperature Range	-25180 °C
Bending Radius	50 mm
Fiber-Optic Length	2 m
Jacket Material	CuZn, nickel-plated
Material End Sleeve	Stainless Steel
End Sleeve No.	51
Light Emission	straight
Fiber-Optic Cable Adapter No.	01
Suitable Mounting Technology No.	190

## **Fiber Optic Cable Combination**

## Choose your individual Glass Fiber Optic Cable



**Sensor Type** 

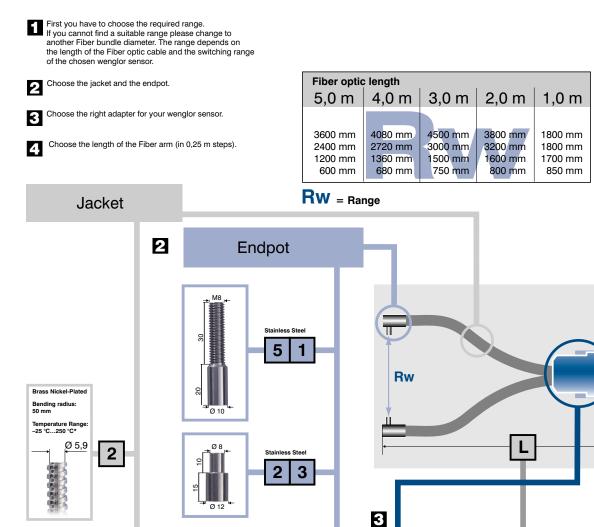
U\_ 87

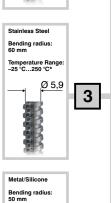
U\_ 88

U\_ 66

U 55

Sensor



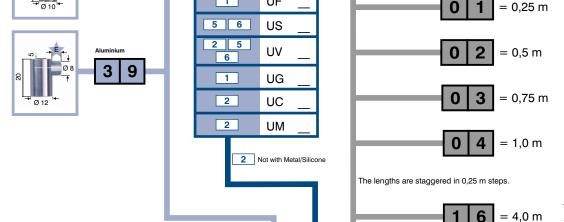


Temperature Range -25 °C...180 °C

Ø 7,5

4

Through beam mode



Sensor

Type

UF

4

Adapter

1

Order number

3 0 3 ? ? ? ? ? ?

Fiber bundle Ø 3,0 mm

Fiber bundle Ø 3,0 mm

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