Fiber-Optic Cable Band
for Fiber-Optic Cable Sensors

363-271-104
Part Number

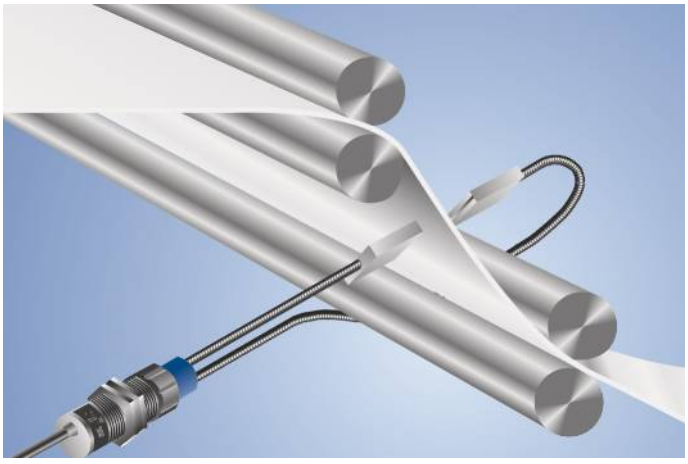


Technical Data

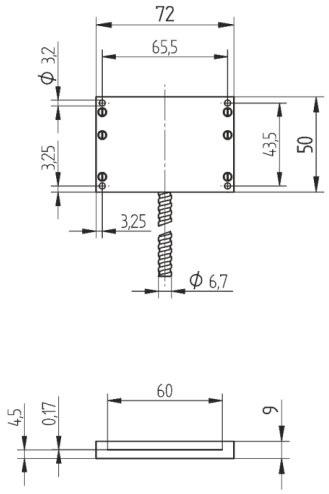
Optical Data	
Fiber Bundle Diameter	3,6 mm
Linearity	< 10 %
Range with Sensor Type UF55MV3	130...600 mm
Range with Sensor Type UF22MV3	50...250 mm
Range with Sensor Type U_55__	1143 mm
Range with Sensor Type U_66__	1550 mm
Range with Sensor Type U_87__	1550 mm
Range with Sensor Type U_88__	1550 mm
Opening Angle	68 °
Fiber	Step Index
Fiber Diameter	50 µm
Fiber Distribution	statistical mixture
Mechanical Data	
Temperature Range	-25...180 °C
Bending Radius	60 mm
Fiber-Optic Length L	1 m
Jacket Material	CuZn, nickel-plated
Material End Sleeve	Aluminum
End Sleeve No.	71
Fiber-Optic Cable Adapter No.	001

- **For measuring tasks**
- **Resistant to high temperature**
- **Variable light emitting slot**

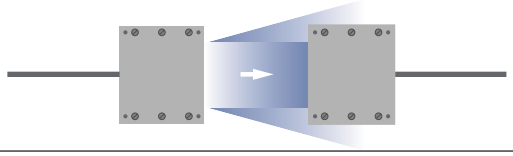
Glass fiber optic cable curtains function in accordance with the through-beam sensor principle. The fibers are arranged in a single line, thus creating a luminous row. If these fiber optic cable curtains are used in combination with an analog universal diffuse light sensor (UF22MV3, UF55MV3), the length of the slot corresponds to the analog range. If a universal diffuse light sensor with switching output is utilized (UF88PA), the switching point can be adjusted so that the output is switched when the light slot is obstructed to a defined extent.



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All dimensions in mm (1 mm = 0.03937 Inch)



Specifications are subject to change without notice V0-02.06.2023