Cam Fiber Optik Kablo

Karşılıklı Çalışan Prensibine

303-351-108

Sipariş numarası



- **Depo tipleri kısa süre içinde teslim edilir**
- **Modüler sistemin sağladığı çok çeşitli tip seçenekleri sayesinde uygulamanıza adapte edilebilir**

Teknik Veriler

Optik veriler	
Fiber demet çapı	3 mm
U_87__ tipi sensör ile algılama mesafesi	3800 mm
U_88__ tipi sensör ile algılama mesafesi	3200 mm
U_66__ tipi sensör ile algılama mesafesi	1600 mm
U_55__ tipi sensör ile algılama mesafesi	800 mm
Açılma açısı	68 °
Fiber	Basamak indeksi
Fiber çapı	50 µm
Mekanik veriler	
Sıcaklık aralığı	-25...180 °C
Bükülme yarıçapı	50 mm
Fiberoptk kablonun uzunluğu L	2 m
Kablo kılıf malzemesi	Paslanmaz çelik V2A, (1.4301 / 304)
Malzemesi kablo ucu yüksük	Paslanmaz çelik V2A, (1.4305 / 303)
Kablo ucu yüksük no.	51
Işık çıkışı	Düz
Fiberoptik kablo adaptörü no.	001
Uygun sabitleme tekniği no.	190

Fiberoptik kablolar oldukça esnektir ve bu sayede yerin kısıtlı olduğu yerlerde kullanılabilmektedir. Özellikle sıcaklığın yüksek olduğu çevrelerde metal kılıflı fiberoptik kablolar iyi bir çözüm seçeneğidir.



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 endpot.

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				
5,0 m	4,0 m	3,0 m	2,0 m	1,0 m
3600 mm	4080 mm	4500 mm	3800 mm	1800 mm
2400 mm	2720 mm	3000 mm	3200 mm	1800 mm
1200 mm	1360 mm	1500 mm	1600 mm	1700 mm
600 mm	680 mm	750 mm	800 mm	850 mm

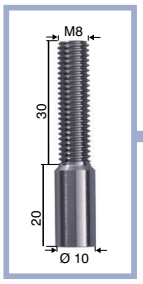
Rw = Range

1 Sensor Type

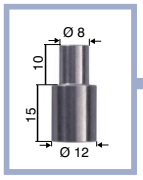
- U_ 87 __
- U_ 88 __
- U_ 66 __
- U_ 55 __

Jacket

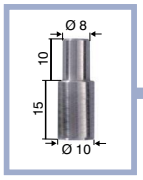
2 Endpot



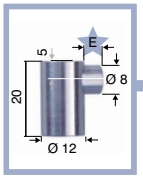
Stainless Steel — **5 1**



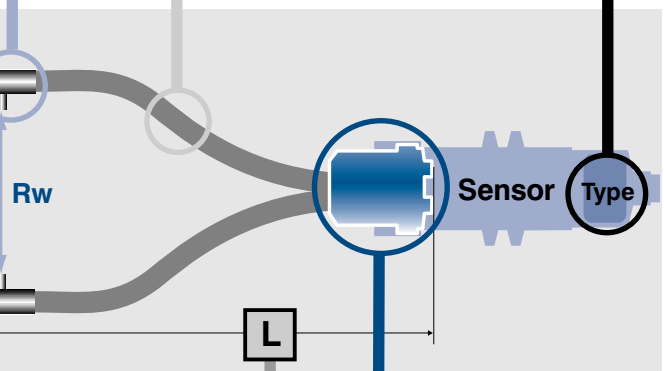
Stainless Steel — **2 3**



Stainless Steel — **2 1**



Aluminium — **3 9**



3

Adapter	Sensor Type
1	UF __
5 6	US __
2 5 6	UV __
2	UC __
2	UM __

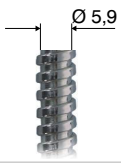
2 Not with Metal/Silicone

4

0 1	= 0,25 m
0 2	= 0,5 m
0 3	= 0,75 m
0 4	= 1,0 m
1 6	= 4,0 m

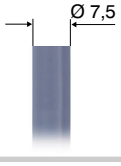
The lengths are staggered in 0,25 m steps.

Stainless Steel
Bending radius: 60 mm
Temperature Range: –25 °C...250 °C*



3

Metal/Silicone
Bending radius: 50 mm
Temperature Range: –25 °C...180 °C



4

Order number 3 0 3 ? ? ? ? ? ?

Fiber bundle Ø 3,0 mm

Through beam mode

E= 4 mm Standard
please specify other lengths

*** Fibers heat resistant up to 180 °C, up to 250 °C only with order number addition "T"!**
**** Maximum length 5 m**

Teknik değişiklik yapma hakkı saklıdır V0-03.06.2024