



**Fiber-Optic Cable  
Sensor,UF55VC/TCH**

URL:<https://www.sxplc.com/fiber-optic-cable-sensor-uf55vc-tch>

**Product data sheet**

<b>Optical Data</b>	
Range	500 mm
Switching Hysteresis	< 15 %
Light Source	Infrared Light
Service Life (T = +25 °C)	100000 h
Max. Ambient Light	10000 Lux
Opening Angle	12 °
<b>Electrical Data</b>	
Supply Voltage	10...30 V DC
Current Consumption (U <sub>b</sub> = 24 V)	< 40 mA
Switching Frequency	20 kHz
Response Time	25 μs
On-/Off-Delay	0...1 s
Temperature Drift	< 10 %
Temperature Range	-10...60 °C
Switching Output Voltage Drop	< 2,5 V
PNP Switching Output/Switching Current	200 mA
NPN Switching Output/Switching Current	200 mA
Residual Current Switching Output	< 50 μA
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Overload Protection	yes
Protection Class	III
<b>Mechanical Data</b>	
Setting Method	Potentiometer
Housing Material	CuZn, nickel-plated
Full Encapsulation	yes
Degree of Protection	IP65
Connection	Cable, 3-wire, 2 m

