

# UF22MV3

Part Number

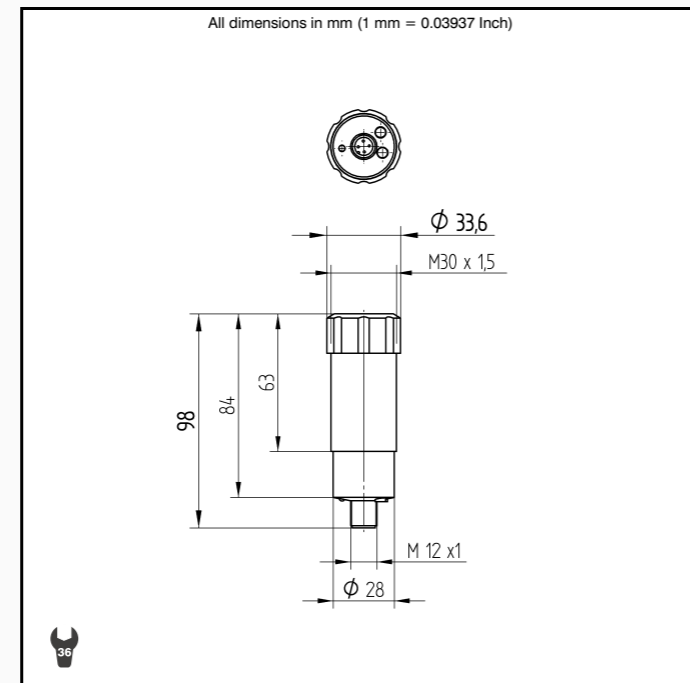
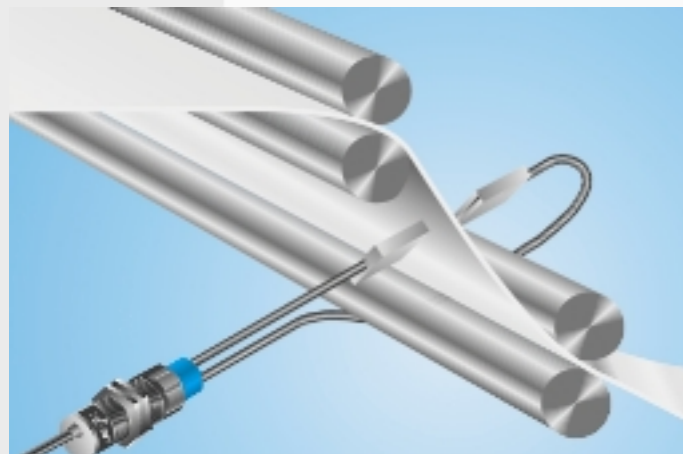


## Technical Data

Optical Data	
Measuring Range	60...240 mm
Resolution	2 %
Light Source	Red Light
Wave Length	660 nm
Service Life (T = +25°C)	100000 h
max. Ambient Light	10000 Lux
Electrical Data	
Supply Voltage	20...30 V DC
Current Consumption (U <sub>b</sub> = 24V)	< 40 mA
Switching Frequency	50 Hz
Response Time	10 ms
Temperature Drift	3 %
Temperature Range	-10...60 °C
Analog Output	0...10 V
Output Resistance Analog Output	1 kOhm
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Mechanical Data	
Adjustment	Potentiometer
Housing	BrasNicPlated
Full Encapsulation	yes
Protection Mode	IP 65
Connection	M 12x1

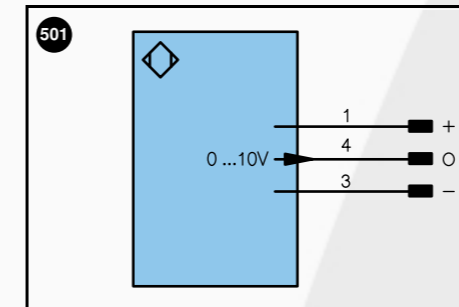
- Adjustable Slope
- Analog Output: 0...10 V DC
- Linear Output Signal Proportional to Obstruction of Glass Fiber

This sensor is especially well suited for applications with glass fiber optic cable curtains.



Specifications are subject to change without notice  
06/03

Part Number	Plug Version
UF22MV3	
Analog Output	●
Connection Diagram No.	501
Control Panel No.	F 6
Suitable Fiber Optic Cabel Adapter	1
Suitable Plug No.	21



Legend		Wire colors according to DIN IEC 757
+	Power supply "+"	BK black
-	Power supply "0V"	BN brown
-	Power supply (AC Voltage)	RD red
A	Switching output (1,2,3...)/ NO	OG orange
A	Switching output (1,2,3...)/ NC	YE yellow
V	Contamination / Error output (NO)	GN green
V	Contamination / Error output (NC)	BU blue
E	Input (analog or digital)	VT violet
T	Teach input	GY grey
Z	Time delay (activation)	WH white
S	Shielding	PK pink
RxD	RS-232 receive path	GNYE green yellow
TxD	RS-232 send path	
U	Test input	
W	Trigger input	
O	Analog output (1,2,3,...)	
O-	Ground for the analog output	
BZ	Block discharge	
Aw	Valve output	
a	Valve control output "+"	
b	Valve control output "0V"	
SY	Synchronization	
E+	Receiver-Line	
S+	Emitter-Line	
⊕	Grounding	

## Accessories

- Mounting Bracket W30
- Glass Fiber Optic Light Curtain

## Ctrl.Panel



- 12 = Analog Output Indicator
- 16 = Working Distance Adjustment
- 19 = Zero Adjustment