

Ex - Sensor • Zone 0

Series URFG..Ex
Opto glass-sensor

Ex II 1G Ex ia IIC T6...T4
Category 1

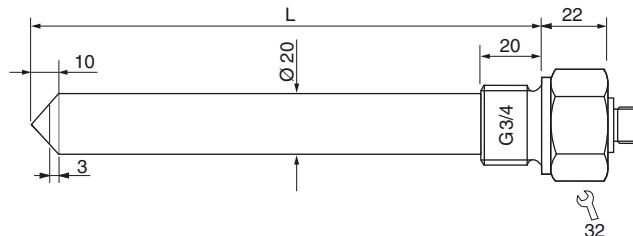
Resistant in kerosine • motor fuels

2-wire sensor, intrinsically safe



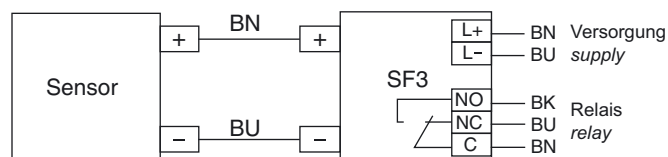
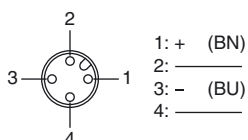
Design G3/4

Dimensions



Switching point sp [mm]	-10	
ID-No.	P21185...	
Type-sensor length L [mm]	URFG 075 Ex-Lxxxx	Sensor length
Ex marking	II 1G Ex ia IIC T6	The total length L of the sensors is specified by appending "Lxxxx" to the type.
Certificate no.	TÜV 00 ATEX 1632	xxxx: length in mm
Ambient temperatur for temperature classes [°C]	T6: 70 T5: 80 T4: 100	Preferred excess lengths ID-No.
Maximum values	li = 154 mA Ui = 23.1 V Pi = 890 mW	120 mm: L120 P21185012 200 mm: L200 P21185020 400 mm: L400 P21185040 1000 mm: L1000 P21185100
Housing material	AISI 316 Ti / glass	
Sealing material	FFKM (Kalrez)	
Tightening torque [Nm]	100	
Ambient temperature [°C]	-25...+70	
Protection [EN 60529]	IP 67	
Compressive strength [bar]	16	
Connection	M12 connector	

For the connection to amplifiers SF3, page 2.34



Accessories Plug M12, SBW-DC or SBG-DC