



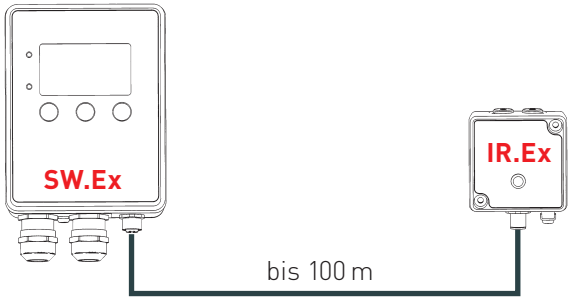
SW.Ex Switching Relais

- Specification:
II2(1)G Ex eb mb ib [ia Ga] IIC T4 Gb
II2(1)D Ex tb ib [ia Da] IIIC T130°C Db
- Universal Transducer for mounting in zone 1 / 2 / 21 / 22
- Two adjustable, potential free relay outputs
- Ambient temperature -40...+70°C
- IP66
- Temperature class T4 for all gases and dusts
- Adjustable hysteresis
- Adjustable on site; display
- Stainless steel / polymer compound material for maximum corrosion resistance
- No further barrier required in the control cabinet
- LED status indication
- Smart installation
- 24 VAC / DC
- For use with IY.Ex-Sensors



IR.Ex Sensors

- Specification:
II 1/2G Ex ia IIC T6/T5/T4 Ga/Gb
II 2D Ex ia IIIC T75°C-T145°C Db
- Intelligent sensor concept for connection (M12 connector) to SW.Ex universal Ex-transducer
- Stainless steel / polymer compound material for maximum corrosion resistance
- Room sensor for direct connection
- For measuring in zone 0, 1, 2, 21, 22
- Other sensors with M12 sensor cable (1 Meter included, other lengths available)
- For use with SW.Ex Transducer



Measurand	Sensor Design	Measurin range	min. Measuring span	Length	Sensor type
Temperature	Room sensor	-40...+125°C	25°C	–	IR.Ex-RT
	Duct sensor			50 mm	IR.Ex-DT-050
				100 mm	IR.Ex-DT-100
				200 mm	IR.Ex-DT-200
Humidity	Room sensor	-40...+125°C 0...100 rF	25°C 15 rF	–	IR.Ex-RH
	Duct sensor			50 mm	IR.Ex-DH-050
				100 mm	IR.Ex-DH-100
				200 mm	IR.Ex-DH-200

Differential pressure / Volume flow	Duct sensor	-60...+60 Pa	18 Pa	–	IR.Ex-P-0060
		-100...+100 Pa	30 Pa		IR.Ex-P-0100
		-250...+250 Pa	75 Pa		IR.Ex-P-0250
		-600...+600 Pa	180 Pa		IR.Ex-P-0600
		-1000...+1000 Pa	300 Pa		IR.Ex-P-1000
		-2500...+2500 Pa	750 Pa		IR.Ex-P-2500
		-4000...+4000 Pa	1200 Pa		IR.Ex-P-4000
		-10000...+10000 Pa	3000 Pa		IR.Ex-P-10000

Other types on request