



# BE SAFE.



## Product Overview 2022

### Sensors & Actuators





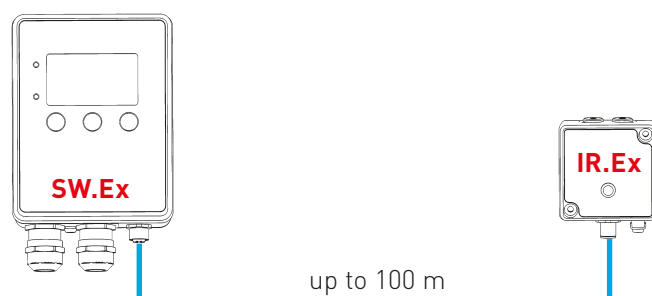


## SW.Ex Switching Relais

- 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 switching relay for mounting in zone 1 / 2 / 21 / 22
- Two adjustable, potential free relay outputs
- Ambient temperature -40...+70 °C
- Protection class 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 IR.Ex-Sensors

## IR.Ex Sensor Range

- Specification:  
II 1/2G Ex ia IIC T6/T5/T4 Ga/Gb  
II 1/2D Ex ia IIIC T130°C Da/Db
- Intelligent sensor concept for connection (M12 connector) to SW.Ex universal Ex-switching relay
- 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 universal Ex-switching relay



# SENSORS WITH BINARY SIGNAL



## SW.Ex – Switching relais

PRODUCT	DESCRIPTION
SW.Ex	Ex-Switching Relais

## IR.Ex – Temperature / Humidity

PRODUCT	DESCRIPTION
IR.Ex-RT	Ex-Room Sensor Temperature; Measuring range -40...+125 °C
IR.Ex-RH	Ex-Sensor Room Humidity; Measuring range -40...+125 °C; 0...100 % rH
IR.Ex-DT-050	Ex-Sensor Duct Temperature; l = 50 mm; Measuring range -40...+125 °C
IR.Ex-DH-050	Ex-Sensor Duct Humidity; l = 50 mm; Measuring range -40...+125 °C; 0...100 % rH
IR.Ex-DT-100	Ex-Sensor Duct Temperature; l = 100 mm; Measuring range -40...+125 °C
IR.Ex-DH-100	Ex-Sensor Duct Humidity; l = 100 mm; Measuring range -40...+125 °C; 0...100 % rH
IR.Ex-DT-200	Ex-Sensor Duct Temperature; l = 200 mm; Measuring range -40...+125 °C
IR.Ex-DH-200	Ex-Sensor Duct Humidity; l = 200 mm; Measuring range -40...+125 °C; 0...100 % rH

## IR.Ex – Differential Pressure

PRODUCT	DESCRIPTION
IR.Ex-P-0060	Ex-Differential Pressure Sensor -60...+60 Pa
IR.Ex-P-0100	Ex-Differential Pressure Sensor -100...+100 Pa
IR.Ex-P-0250	Ex-Differential Pressure Sensor -250...+250 Pa
IR.Ex-P-0600	Ex-Differential Pressure Sensor -600...+600 Pa
IR.Ex-P-1000	Ex-Differential Pressure Sensor -1000...+1000 Pa
IR.Ex-P-2500	Ex-Differential Pressure Sensor -2500...+2500 Pa
IR.Ex-P-4000	Ex-Differential Pressure Sensor -4000...+4000 Pa
IR.Ex-P-10000	Ex-Differential Pressure Sensor -10000...+10000 Pa

## IR.Ex – Flow Rate\*

PRODUCT	DESCRIPTION
IR.Ex-V-0100	Ex-Differential Pressure Sensor -100...+100 Pa
IR.Ex-V-0250	Ex-Differential Pressure Sensor -250...+250 Pa
IR.Ex-V-0600	Ex-Differential Pressure Sensor -600...+600 Pa
IR.Ex-V-1000	Ex-Differential Pressure Sensor -1000...+1000 Pa
IR.Ex-V-2500	Ex-Differential Pressure Sensor -2500...+2500 Pa

\* Please note: For flow rate measurement an additional measuring device may be required

Other types available

