

## SMART S-IS TX IS (Intrinsically Safe) & GI (Galvanic Insulation)



Designed to meet with the toughest industrial requirements, **SMART S-IS** line allows monitoring toxic gases in harsh environments. The detectors feature a **Zener barrier** and **Galvanic separation** and have been ATEX certified as II2G Ex db [ib] IIC T6 Gb.



S-IS 4A (copper free Al enclosure)



S-IS 2S (SS enclosure)

### Sensor heads to be selected from S5

#### 4A Transmitter Exd Aluminum enclosure, 4 entries, copper free, electronics and features

CODE	DESCRIPTION		
SIS4A 21	Electronic with 1 output RS485+4-20mA, LCD display, IS & GI card		
SIS4A 22	Electronic with 1 output RS485+4-20mA, LED display, IS & GI card		
SIS4A 23	Electronic with 1 output RS485+4-20mA, LCD display, 3-relay card, IS & GI card		
SIS4A 24	Electronic with 1 output RS485+4-20mA, LED display, 3-relay card, IS & GI card		

#### 2S Transmitter Stainless steel enclosure, electronics and features

CODE	DESCRIPTION		
SIS2S 21	Electronic with 1 output RS485+4-20mA, LCD display, IS & GI card		
SIS2S 22	Electronic with 1 output RS485+4-20mA, LED display, IS & GI card		
SIS2S 23	Electronic with 1 output RS485+4-20mA, LCD display, 3-relay card, IS & GI card		
SIS2S 24	Electronic with 1 output RS485+4-20mA, LED display, 3-relay card, IS & GI card		

Detectors with HART communication available on request

### SMART S-IS HEADS

### S5 [XXX GAS]



#### ECI

Electrochemical cell with IS electronic

CODE	DESCRIPTION		
S5005O2	OXYGEN (O2) sensor head, 0-25% vol.		
S5011SD	SULPHUR DIOXIDE (SO2) sensor head, 0-20 ppm		
S5012ND	NITROGEN DIOXIDE (NO2) sensor head, 0-20 ppm		
S5015CL	CHLORINE (CL2) sensor head, 0-5 ppm		
S5013CL	CHLORINE (CL2) sensor head, 0-20 ppm		
S5014HC	HYDROCHLORIC ACID (HCL) sensor head, 0-50 ppm		

#### PID

VOC Photoionization Technology

CODE	DESCRIPTION		
S50xxxx	Codification will depend on the gas and range chosen		