



SS76-TX F-Series Gas Sensor Heads



CERTIFICATION

ATEX: No. SIRA 03 ATEX 1176X

IECEX: No. SIR 06.0016X

Type of protection:

Flameproof and dust protected

II 2 GD

Exd IIC T6 Gb - 20 °C Ta + 35 °C

Extb IIIC T85 °C Db

Exd IIC T5 Gb - 20 °C Ta + 50 °C

Extb IIIC T100 °C Db

Exd IIC T4 Gb - 20 °C Ta + 85 °C

Extb IIIC T135 °C Db

Exd IIC T3 Gb - 20 °C Ta + 120 °C

Extb IIIC T200 °C Db

SENSOR ACCESSORIES

- ① Weatherproof cone / calibration cap
- ② Calibration gas: Toxic and flammable gases
Disposable cans / cylinders with
20, 58 or 105 litres of available gas



TECHNICAL SPECIFICATION

TYPES:

Catalytic / Pellistor

Electrochemical

Infrared

Photo Ionisation

Housing

Stainless steel 316-S16

Weight

170 g

Thread

M20 x 1.5P

Accessory Mounting Thread

M33 x 1.25P

Protection

IP64 with weatherproof cone

Sinter

Removable / replaceable sensor / sinter

Dimensions

Body length 32 mm

Diameter 33 mm



SEAGULL SAFETY

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TABLE 1

Range of SS76-TX F-Series Gas Sensor Heads for use with SS76-TX Transmitters

SPECIFICATION					
Sensor Category	Sensor Head Part No.	Gas Detected	Measurement Range	Remarks	Type of Transmitter Board Required
Flammable gases (catalytic)	FLEL1	Hydrocarbons	0 - 100% LEL	2 V / 300 mA (Standard Catalytic)	CAT
	FLEL2	Ammonia, Kerosene, Hydrogen	0 - 100% LEL	2 V / 100 mA	CAT
Flammable gases (infrared)	FIR1	Hydrocarbons	0 - 100% LEL		CAT
Oxygen and toxic gases (electrochemical)	FOX	Oxygen	0 - 25% VOL		ECC
	FCO	Carbon Monoxide	0 - 250 PPM		ECC
	FHS	Hydrogen Sulphide	0 - 50 PPM		ECC
	FSD	Sulphur Dioxide	0 - 10 PPM		ECC
	FND	Nitrogen Dioxide	0 - 10 PPM		ECC
	FHY	Hydrogen	0 - 2000 PPM		ECC
	FHC	Hydrogen Cyanide	0 - 25 PPM		ECC
	FNO	Nitric Oxide	0 - 100 PPM		ECC
	FAL	Ammonia	0 - 100 PPM	LOW LEVEL	ECC
	FEO	Ethylene Oxide	0 - 25 PPM		ECC
	FAH	Ammonia	0 - 1000 PPM	HIGH LEVEL	ECC



ISO 9001:2008 CERT NO.: 621945

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