Sensepoint® XCD

Flammable, Toxic & Oxygen Gas Detector and Transmitter

NH_3, CH_4, COMB (LEL)

The Sensepoint XCD range provides comprehensive monitoring of flammable, toxic and Oxygen gas hazards in potentially explosive atmospheres, both indoors and outdoors. Users can modify detector operation using the LCD and magnet switches without ever needing to open the unit. This enables one-man, non-intrusive operation and reduces routine maintenance time and costs.

One-Stop Shop
• Flammable (catalytic or infrared), toxic and oxygen versions available
• New and retrofit applications
• Suitable for indoor or outdoor use
• Aluminium explosion-proof housing
• IP66 as standard

Proven and Reliable Sensor Technology
• Surecell™ electrochemical sensors
• Reflex® sensor health check
• Poison immune infrared sensors
• Poison resistant catalytic bead sensors
• Long life sensors

Easy to Use
• User friendly and intuitive tri-colour backlit display with digits, bar graph and icons
• Fully configurable via magnetic switches
• Selectable sink or source 4-20 mA output
• Auto-inhibit during maintenance
• Modbus communications for remote diagnostics/configuration

Cost Effective
• Common transmitter platform
• Minimal training required
• Reduced spares
• Non-intrusive, one-man operation
• Plug-in sensor replacement
• Modbus multi drop option offers cabling savings

Simple Installation
• Plug-in display module removes to give access to terminal area
• Integral mounting bracket
• 2 x ¾ in. NPT cable/conduit entries
• Removable plug/socket type terminal blocks for ease of wiring
• Sink/source switch to suit preferred wiring topology

Range of Optional Accessories
• Remote sensor gassing kit
• Duct mounting kit
• Calibration gas flow housing
• Collecting cone

Approvals
• UL/c-UL–Class I, Division 1, Groups B, C and D; Class I, Division 2, Groups B, C & D; Class II, Division 1, Groups E, F & G; Class II, Division 2, Groups F & G. -40°C to +65°C
• ATEX Ex II 2 GD Ex d IIC Gb T6 (Ta -40ºC to +65ºC) Ex tb IIIC T85°C Db IP66
• IEC Ex d IIC Gb T6 (Ta -40ºC to +65ºC) Ex tb IIIC T85°C Db IP66

Sensepoint® XCD (continued)

UL/cUL/CSA/INMETRO APPROVAL (LM25)

Description	Order Number	Price (USD)
UL/CSA approved flammable catalytic bead sensor, pre-calibrated for 0-20% LEL ammonia (NH_3), ¾ in. NPT entry	SVIP3701	$1,225.00
Combustible (CH_4) explosion proof transmitter (Cat Bead), 4-20 mA, 3 relays, Modbus, 0-100% aluminum enclosure	SPXCDULNFX	$1,250.00

Sensepoint XCD Replacement Toxic, Flammable, and Oxygen (O2) cartridges

Description	Order Number	Price (USD)
Flammable catalytic 0-100%LEL (20.0 to 100.0% LEL)	SPXCDXSFXSS	$515.00

Accessories, Replacement Sensor Cartridges & Spares

Description	Order Number	Price (USD)
Calibration cap	S3KCAL	$83.00
Collecting cone for use with lighter than air gases	SPXCDCC	$85.00
Duct mounting kit	SPXCDDMK	$432.00
Mounting bracket (includes bolts, nuts, brackets)	SPXCDMTBR	$75.00
Sunshade/deluge protection	SPXCDSDP	$302.00
Sensepoint XCD standard weather protection with bump port	SPXCDWP	$68.00
Sensor retainer with locking screw	SPXCDSRLS	$85.00
Allen key for stopper	SPXCDAKS	$20.00
Hex wrench for earth screw	SPXCDHWES	$20.00
Earth bracket and screws	SPXCDEBS	$24.00
Magnetic wand	SPXCDMAG	$43.00
Replacement display module for FL and IR	SPXCDDMF	$436.00
Replacement terminal module for FL and IR	SPXCDTMF	$439.00