OsecoElfab

FLO-TEL XD

NON-INVASIVE BURST DETECTION FOR EXPLOSIVE DUST ENVIRONMENTS

The FloTel XD consists of our **non-invasive, reusable Flo-Tel** *burst detection system* **plus a certified junction box.**

Flo-Tel XD detects a burst rupture disc and transmits the break in continuity to a DCS. It is the first dual-certified Exd/EXia/b non-invasive system on the market to do this, and is suitable for use in Zones 0, 1 and 2.

Once installed and in service, the disc detection system requires no further electrical maintenance. Non-electrically trained operators may safely carry out checks using our unique and intrinsically safe Test-Tel unit.

Flo-Tel XD is reusable. Should a disc rupture, simply replace the disc and can then refit the Flo-Tel XD to the holder.

Temperature	-40ºF to 572ºF
IP rating	67
Cable lengths available	Industry-standard
Connection	See junction box and fittings specifications on next page

Let us help you with all your pressure relief questions.

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TECHNICAL SPECIFICATIONS

Temperature range	-40ºF to 572ºF (-40ºC to 300ºC)
IP rating	67
Product markings	II 2 G Ex d IIC 120°C Gb -40°C ≤ Ta ≤ 100°C IP67 II 1 D Ex ta IIIC T120°C Da -40°C ≤ Ta ≤ 100°C IP67 II 1 G Ex ia IIC 120°C Ga -40°C ≤ Ta ≤ 100°C IP67 II 1 D Ex ia IIIC T120°C Da -40°C ≤ Ta ≤ 100°C IP67
Cable lengths available	Compatible with most industry-standard cables
Standard materials	Stainless Steel, marine grade available
Junction box	Weidmuller 2.5mm^2 AKZ terminals, mounted on an internal DIN-Rail. One additional spare terminal is fitted for user convenience. Two earthing clamps, one internal and one external.
Junction box fittings	3x M20 tappings 2x M20 EXd stopping-plugs Optional: Vacant tappings to fit with M20 cable glands. Please let us know if you would like this option.
Cycling or static service	Non invasive design is not affected by downstream pressure fluctuations or corrosion.
Leak tightness	Sensor is not in contact with the process therefore there are no potential leak paths.
Design Standards	Complies with EN IEC 60079-0:2018, EN IEC 60079-1:2014, EN IEC 60079-11:2012 and EN IEC 60079-31:2014

Certifications

ASME UD
CRN
PED 2014/68/EU

Related Products

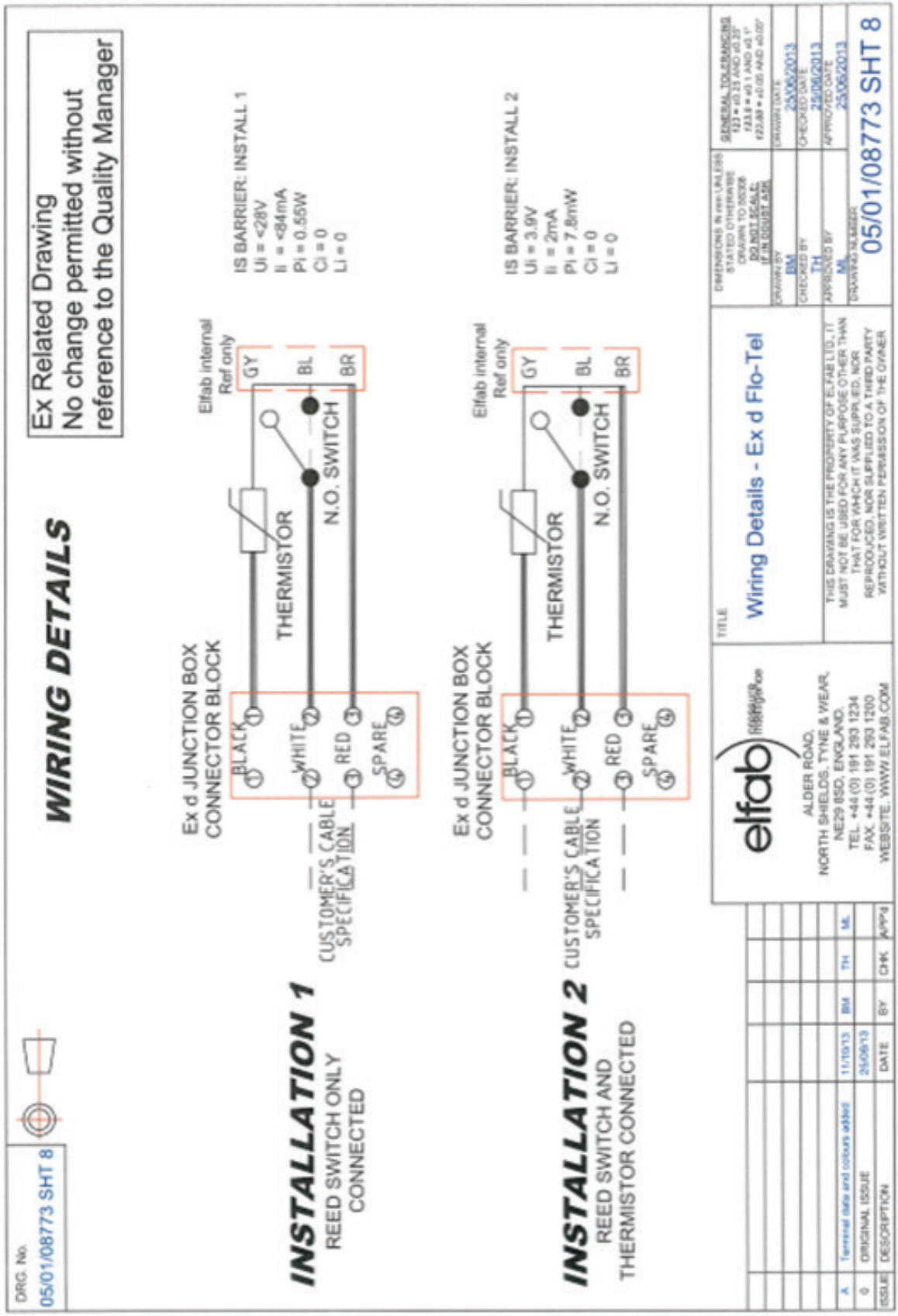
Holders

REVERSE DISC HOLDER
FORWARD DISC HOLDER

Sensors and Installation Tools

FLO-TEL
TEST-TEL

Flo-Tel XD wiring diagram



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