

AnTech®



Type-X Wellhead Outlets, Electrical

Ensuring safe and reliable operations in permanent completions all around the world

A safe and reliable electro-mechanical device, designed for use in hazardous areas to connect downhole electrical cable to surface cable. The Type-X solution is simple to install and designed specifically to meet individual customer requirements.

The AnTech ATEX and IECEx certified Type-X wellhead outlet provides a means of connecting downhole electrical cable to surface cable in Zone 1 hazardous areas.

The Wellhead Outlet is a tried and tested design and has been installed and used successfully on over 1000 wells around the world for permanent completions. The main features have a standard design for almost all configurations (only the flange changes depending on the wellhead connection).

All versions have a high power rating, are easy to assemble and can be modified to suit individual requirements. They can be supplied in either 1/4" or 1/8" configurations for either Incoloy or stainless steel downhole cable with a selection of wellhead connections including; Grayloc 11, Grayloc 14, BX-150, BX151, BX-152, 2-1/16" SBMS, 1"NPT, 1-1/2"NPT, 2" NPT etc.



Features & Benefits

- Meets the highest level of industry safety standards for hazardous areas
- Bespoke solution
- High pressure ratings available
- Simple and easy installation
- Ability to pressure test upon installation



*For information
on our Type-C
range please visit
our website*

AnTech®

AnTech Ltd, Unit 7, Newbery Centre, Airport Business Park, Exeter, EX5 2UL, U.K.

T: +44 1392 933 100 sales@antech.co.uk | ctd@antech.co.uk

www.antech.co.uk | www.coiledtubingdrilling.com | www.gyrosurveys.com

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Technical Specifications for our Type-X Wellhead Outlet Range

Product		Type - XA	Type - XB	Type - XC
Connection Type		As per customer requirements		
Working Pressure		15,000 psi / 138.0 MPa		
API6A/ISO10423 Rating		-40°C ≤ T ≤ 160°C FF PSL 3 Other options are available including : PR2 and PSL 3G	-20°C ≤ T ≤ 90°C FF PSL 3 Other options are available including : PR2 and PSL 3G	-20°C ≤ T ≤ 40°C FF PSL 3 Other options are available including : PR2 and PSL 3G
API6AFB		If requested		
ATEX/IECEX Rating		Ex e IIC T3 Gb	Ex e IIC T5 Gb	Ex e IIC T6 Gb
Ambient Temperature	°C	-40 °C to +160 °C	-20 °C to +90 °C	-20 °C to +40 °C
	°F	-40 °F to +320 °F	-4 °F to +194 °F	-4 °F to +104 °F
Secondary barrier method		Glass to metal		
Compatible lines	Diameter	1/8" or 1/4"		
	Material	Stainless Steel / Incoloy		
Number of barriers		2		
Max. current	Single/Dual/Triple conductor	3A	3A	24A
Max. peak voltage		275 Vac	440 Vac	440 Vac
Ingress protection		IP54 (min)		
Ability to pressure test upon installation		Yes		
Sour Service**		As standard		
CO2 Service		If requested		
Acid Service		If requested		
Approximate Dimensions	Length	304 mm / 11.969 in		
	Diameter	115 mm / 4.276 in		

*Customer line type dependent, **In compliance with NACE MR 00175/ISO 15156