

Flameproof Enclosures

TNCD

The TNCD range of Enclosures is designed to meet the requirements for Ex d IIC equipment in rigorous environments on- and offshore.

Specifications

Material	Acid Resistant Stainless Steel SS316
IP Rating	IP66 (IP67 upon request)
Temperature	-20°C to +40°C (T6), Option -40°C to +60°C
Approvals	NEMKO 03ATEX263U
Complete certificate	DNV-2203-OSL-ATEX-0135
Standards	EN50014, IEC/EN 60079-0 EN50018, IEC/EN 60079-1
Ex-Code	Ex d IIC/IIB T6 – T4 ⊕ II 2 G/D or II 2(1/2)G/D
Lid gasket	Viton
Surface treatment	Glass blasted
Earthing between Ex d and Ex e/i enclosures	Through the flange assembly
Cover	With or without hinges, depending on size



Measurement table for EEx d IIC Explosion proof enclosures

	TNCD						Internal dimensions		
	A	B	C	D		Ø	a	b	c
TNCD	Width (mm)	Height (mm)	Depth (mm)	Total depth	Weight kg	Window (mm)	Width (mm)	Height (mm)	Depth (mm)
191918	190	190	180	213	16	65	170	170	131
282827	280	280	270	300	37	65/100	260	260	217
383827	380	380	270	300	60	65/100	360	360	217
575727	570	570	270	300	125	65/100/154	550	550	213

Viewing window TNCD

Viewing windows are available in the following diameters: 65mm, 100mm and 154mm. The window is placed in the centre of the lid. Windows (Ø65) can also be placed on the sides or back wall.

Range of EEx e connection boxes (optional)

TNCC	E Width (mm)	F Height (mm)	G Depth (mm)	Kg Weight
191918	190	190	180	3,0
282827	280	280	270	6,6
383827	380	380	270	10,5
575727	570	570	270	19,7

Dimensions

