

TRANBERG® JUNCTION BOX

TEF 1058, Size 45, Max. 16mm² 750V

Zone 1, Zone 2 & Safe Area



Tranberg has manufactured junction boxes for hazardous areas since the beginning of the Norwegian oil history.

Our solutions for junction boxes are developed together with customers to meet the demands for flexibility and best solutions. This model is certified to both ATEX and IECEx.

Development and manufacturing of this product is done at our factory in Stavanger, Norway.

Application

- Suitable for use in hazardous area, zone 1, zone 2 and safe area.
- The TEF 1058 series are used for a wide range of installations. E.G. Electro, Instrument and Telecom.

Features and benefits

- To be equipped according to component list.
- Only appropriate ATEX/IECEx certified glands, blanks and adaptors must be used.

Approvals and certificates

IECEx certificate No.: IECEx NEM 14.0001

ATEX certificate No.: Presafe 14 ATEX 4124

Compliance standards:

Directive 2014/34/EU

Refer to EU Declaration of conformity for more details.

Refer to UK Declaration of conformity for more details.



Technical Data

Material housing:	Stainless steel AISI 316L / EN 1.4404
Material gasket:	EPDM / Silicone
Finish:	Electro polished / Bright chemical dip
Earthing:	Inside on busbar or terminals. External earth bolt on mid right side.
Ingress protection:	IP66 / IP67
Ambient temperature:	Empty enclosure w/ EPDM gasket: -40°C to +80°C Empty enclosure w/ silicone gasket: -60°C to +135°C Equipped enclosure depends on the amb. temp. for the internal components.
Weight:	Approx. 3,3 kg (empty box),
Ex protection:	Ex II 2 G Ex eb IIC T5 Gb

TRANBERG STAHL

THE STRONGEST LINK.

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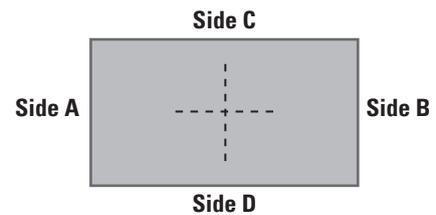
Zone 1, Zone 2 & Safe Area

Part No Matrix

Product series	Finish / Design	Type
105845	0 Bright chemical dip	0 Empty box
	1 Electro polished	1 With horizontal terminal rail and PE bus bar
	2 Arctic version	

Recommended number of cable glands

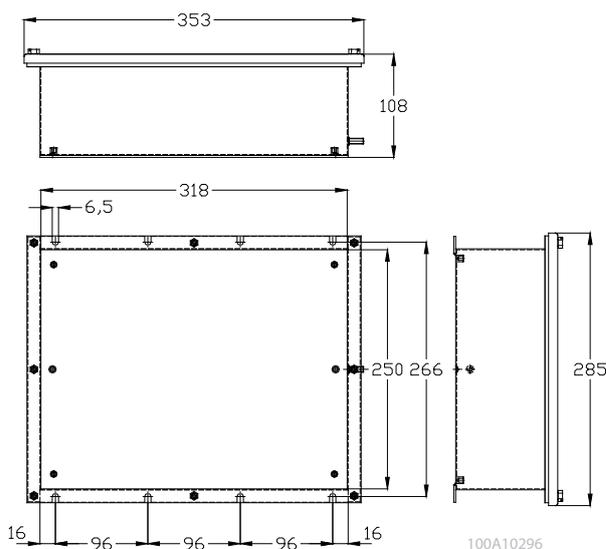
Cable gland threads	Side A/B	Side C/D
M16	14 pcs	18 pcs
M20	12 pcs	16 pcs
M25	10 pcs	14 pcs
M32	4 pcs	6 pcs
M40	3 pcs	4 pcs



Conductor size mm ²	1,5	2,5	4	6	10	16	
Current (A)	3	110	92	92	70	56	47
	10	25					
	16		24				
	20			24			
	25				23		
	35					18	
	63						7

Max. no of conductors for given cross-section and load.

Dimensions



Dimensions	Height	Width	Depth
Internal dimensions	250 mm	318 mm	100 mm
External dimensions	285 mm	353 mm	108 mm