

ADE-5F - for armoured cable

Hazardous area cable glands



Suitable for the following cable types:

- Steel wire armoured cable (SWA)
- Steel wire braided cable (SWB)
- Steel tape armoured cable (STA)
- Braided marine shipboard cable; Type P cable
- Lead sheathed cable (with addition of earthing washer)

With inspectable clamping for wire or braid

Double seal provides 100% of cable clamping, including braided cables.

Certifications and compliances

• ATEX No. INERIS 12ATEX0032X

Zones 1 and 2, Groups I, IIA, IIB and IIC

Zones 21 and 22, Groups IIIA, IIIB and IIIC

⚡ II2GD / Ex db IIC / Ex eb IIC / Ex tb IIIC

⚡ II3G Ex nRc IIC

⚡ IM2 / Ex db I / Ex eb I ; for mining applications

Brass or bronze size 8 to 17; NPT 3/4" to 4", ISO 25 to 110

Stainless steel size 4 to 17; NPT 3/8" to 4", ISO 16 to 110

• IECEx No. IECEx INE 12.0025X

Zones 1 and 2, Groups I, IIA, IIB and IIC

Zones 21 and 22, Groups IIIA, IIIB and IIIC

Ex db IIC / Ex eb IIC / Ex nRc IIC / Ex tb IIIC

Ex db I / Ex eb I ; for mining applications

Brass or bronze size 8 to 17; NPT 3/4" to 4", ISO 25 to 110

Stainless steel size 4 to 17; NPT 3/8" to 4", ISO 16 to 110

• UL: 3DJN E310130 Class I Zone 2*, AEx e II, Ex e II

⚡ ADE size 4 to 17, NPT 1/2" to 4" or ISO 20 to 110 with armoured cable
ITC, MV, PLTC, TC-ER, TC-ER-HL, TC

• UL: 3LRC E314047 Class I Zone 2*, AEx e II, Ex e II

⚡ ADE size 4 to 17, NPT 1/2" to 4" or ISO 20 to 110 with armoured marine cable

* Can be used in Div.2 provided that the enclosure contains no components that produce arcs or sparks.



Other certificates:

CEPEL 05.0559X

CCoE P360379-1

KOSHA 2015-BO-0483 to 0490

NANIO TC-RU C-FR.ГБ05.B.00858

NEPSI GYJ13.1082X

Shipping applications:

ABS 14-HS1274083-PDA

BV 40910/A0 BV

DNV TAE000010X

Lloyds 11/00072

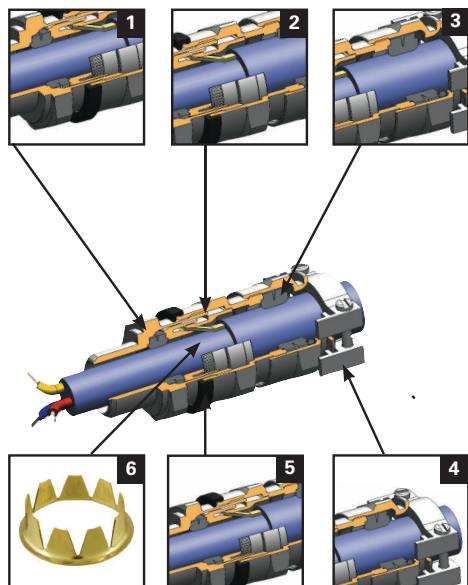
DTS-01:1991

Technical specification

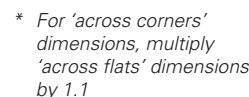
- Nickel-plated brass for superior corrosion resistance. 316L stainless steel, bronze and aluminum options available. It is recommended that a suitable lubricant is used on all threads of stainless steel and aluminum versions.
- Temperature range: -60 °C to +140 °C
- IP66 / IP68 according to the method of attachment and the condition of the equipment area, see page 2.5

Features and benefits

- 1: Specifically formulated elastomer for flame path sealing on inner sheath of cable
- 2: Anti-rotation feature providing simplified inspectability of armour clamping and grounding system
- 3: Specifically formulated elastomer for IP sealing on outer sheath of cable
- 4: Additional external cable clamping for strain relief (optional)
- 5: Additional deluge seal available for ADE-5F gland sizes No.12 to No.17
- 6: Suitable for lead sheath cable with installation of simple washer (optional)



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****For 'E' see thread dimension page 5.18**

0 = XS
1 = S
2 = M
3 = L

SELECT

SELECT

NPN	Nickel-plated brass
SSN	Stainless steel
BZN	Bronze
ALN	Aluminum (not Group I)

K1

K2

- Locknut
- Green composite washer

- Locknut
- Green composite washer
- Earth tag
- Shroud

- Locknut
- Green composite washer
- Earth tag
- Serrated washer

Ordering codes

* Not UL certified. Above catalog numbers are for nickel-plated brass; refer to order code diagram for other options.



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