

ADE-1F2 O-ring - for non-armoured cable

Hazardous area cable glands



Suitable for the following cable types:

- Non-armoured cable
- Marine shipboard cable; Type P cable
- Tray cable: TC

Provides 25% of cable clamping. As per IEC60079 § A.2.3.2 for group II or III cable glands, "without a clamping device, additional clamping of the cable is needed to ensure that pulling & twisting is not transmitted to the terminations". We recommend using the certified ADE clamping module (page 2.29).

Certifications and compliances

• ATEX No. INERIS 12ATEX0032X

Zones 1 and 2, Groups 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

• IECEx No. IECEx INE 12.0025X

Zones 1 and 2, Groups 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

• UL: 3DJN E310130 Class I Zone 1*, AEx e II

ADE size 3 to 8, ISO 20 to 40 with non-armoured cable TC-ER-HL up to 1" diameter.

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

ADE size 3 to 17, ISO 20 to 110 with non-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 3 to 17, ISO 20 to 110 with non-armoured marine cable

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



Other certificates:

CEPEL 05.0558X

CCoE P360379-1

KOSHA 2015-BO-0245 to 0248

NANIO TC-RU C-FR.ГБ05.В.00858

NEPSI GYJ13.1082X

SABS MS/15-0314X

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 option 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: Integrated O-ring eliminates need for externally fitted sealing washer.
- 2: Specifically formulated elastomer for IP sealing on outer sheath of cable.
- 3: Additional external cable clamping for strain relief (optional).

