

# EYS and EZS conduit sealing fittings

For IEC applications

Ex II 2 G EEx d IIC

Zones 1 &amp; 2

## Applications:

EYS and EZS sealing fittings:

- Restrict the passage of gases, vapors or flames from one portion of the electrical installation to another at atmospheric pressure and normal ambient temperatures
- Limit explosions to the sealed off enclosure
- Limit pre-compression or "pressure piling" in conduit systems

Sealing fittings are required:

- At each entrance to an enclosure housing an arcing or sparking device when used in Class I, Division 1 and 2 hazardous locations; to be located as close as practicable and, in no case, more than 18" from such enclosures
- At each conduit entrance of 2" size or larger to an enclosure or fitting housing terminals, splices or taps when used in Class I, Division 1 hazardous locations; to be located as close as practicable and, in no case, more than 18" from such enclosures
- In conduit systems when leaving Class I, Division 1 or Division 2 hazardous locations
- In cable systems when the cables either do not have a gas/vaportight continuous sheath or are capable of transmitting gases or vapors through the cable core when those cables leave the Class I, Division 1 or Division 2 hazardous locations

## Features:

EYS and EZS sealing fittings include:

- Minimum turning radius
- Large openings with threaded closures to provide easy access to conduit hubs for making dams
- Integral bushings in conduit hubs to protect conductor insulation from damage
- Taper tapped hubs to ensure ground continuity

EYS sealing fittings are available for installation in either vertical only or in both horizontal or vertical positions.

EZS sealing fittings for installation at any angle; the covers with opening for sealing compound can be properly positioned to accept the compound.

For use with Chico A sealing compound.



EZS



EYS

## Certifications and compliances:

- IP67 according to EN 60529

### ATEX:

- Ex II 2 G EEx d IIC
- EC-Type examination certificate: LOM 03 ATEX 2108

## Standard material and finish:

- Bodies, plugs and removable nipples – light alloy, natural finish

## Size ranges:

- EYS – 1/2" - 2"
- EZS – 1/2" - 1"

## Ordering information:

Series	Mounting direction	Hub size	Cat. #
EYS	Vertical	1/2" NPT	NOR 000 002 220 117
EYS	Vertical	3/4" NPT	NOR 000 002 220 125
EYS	Vertical	1" ISO	NOR 000 002 220 133
EYS	Vertical	1" NPT	NOR 000 002 220 620
EYS	Horizontal	1 1/2" NPT	NOR 000 002 220 160
EYS	Horizontal	2" NPT	NOR 000 002 220 168
EZS	Horizontal	1/2" NPT	NOR 000 002 220 216
EZS	Horizontal	3/4" NPT	NOR 000 002 220 224
EZS	Horizontal	1" ISO	NOR 000 002 220 232
EZS	Horizontal	1" NPT	NOR 000 002 220 729