

for IEC Applications

6F

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 precompression 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.



Certifications and Compliances:

- IEC:
 - Ex II 2 G EEx d IIC
 - EC-Type examination certificate LOM 03 ATEX 2108
- IP67 according to EN 60529

Standard Materials:

- Bodies – Light alloy, natural finish
- Plugs – Light alloy, natural finish
- Removable nipples – Light alloy, natural finish

Size Ranges:

- EYS - 1/2" – 4"
- 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 |

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| 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 |
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