







Explosion-proof Instrument Housing EX

| Variant | 8 | 10 |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Specifications |  |  |
| Material | pressure die-cast aluminum (max. 0.5% Mg), painted with chemically resistant paint, or stainless steel grade AISI 316 ⁽¹⁾ | |
| Overall dimensions | 125x105.5x94.5(height) mm | 145x125.5x107(height) mm |
| Lid | ø90 mm / M80 | ø110 mm / M100 with locking screw |
| Conduits | 3x 1/2" NPT | |
| Cable glands | up to 3x ATEX brass glands for non-armored cables 6...8 mm OD ⁽²⁾ (option) | |
| Sensor mounting | via central conduit | |
| Wall mounting | 2 holes ø7x108 mm | 2 holes ø7x126 mm |
| Pipe mounting | with pipe-mounting bracket (see 'Accessories') | |
| Protection | Ex 'd' IIC; aluminum: IP68, stainless steel: IP66 | |
| Approvals | ATEX 94/9/EC Ex 'd' II GD (for Zone 1/ 2/ 21/ 22) | |
| Ambient temperature | -40...100 °C | |
| Space for transmitter | max. ø60x60 mm | max. ø85x75 mm |

| Variant | 8W | 10W | 8WD | 10WD |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Specifications |  |  |  |  |
| Material | pressure die-cast aluminum (max. 0.5% Mg), painted with chemically resistant paint, or stainless steel grade AISI 316 ⁽¹⁾ | | | |
| Overall dimensions | 125x105.5x109.5(height) mm | 145x125.5x127(height) mm | 105x106.5x162(height) mm | 115x126.5x206(height) mm |
| Lid | ø90 mm / M80 | ø110 mm / M100 with locking screw | 2 x ø90 mm / M80 | 2 x ø110 mm / M100 with locking screw |
| Conduits | 3x 1/2" NPT | | | |
| Cable glands | up to 3x ATEX brass glands for non-armored cables 6...8 mm OD ⁽²⁾ (option) | | | |
| Sensor mounting | via central conduit | | | |
| Wall mounting | 2 holes ø7x108 mm | 2 holes ø7x126 mm | none | |
| Pipe mounting | with pipe-mounting bracket (see 'Accessories') | | none | |
| Protection | Ex 'd' IIC; aluminum: IP68, stainless steel: IP66 | | | |
| Approvals | ATEX 94/9/EC Ex 'd' II GD (for Zone 1/ 2/ 21/ 22) | | | |
| Ambient temperature | -40...85 °C | | | |
| Space for transmitter | max. ø60x65 mm | max. ø85x85 mm | max. ø60x28 mm | max. ø85x45 mm |
| Space for indicator | | | max. ø65x50 mm | max. ø85x75 mm |

⁽¹⁾ Not available for dual-compartment variants!

⁽²⁾ Other cable glands for armored or non-armored cables are available on request.

Ordering code EX* - G10 - #1

| Code | Feature or option | Code values |
|------|-------------------|--------------------------------------------------------------------------------------------------|
| * | Variant | 8, 10 - closed, 8W, 10W - windowed, 8WD, 10WD - windowed, dual-compartment |
| G10 | Material | AL - painted aluminum, SS - stainless steel 316 ⁽¹⁾ |
| #1 | ATEX cable glands | X - none, CG - 1 cable gland mounted, 2CG - 2 cable glands mounted, 3CG - 3 cable glands mounted |

COMECO reserves the right of changing specifications without prior notice!