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	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	Ex 'd' IIC; aluminum: IP68, stainless steel: IP66	Ex 'd' IIC; aluminum: IP68	
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, EX8 and EX8W.
[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!