







# Explosion-proof Instrument Housing EX

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

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

<sup>(1)</sup> Other cable glands for armored or non-armored cables are available on request.

## Ordering code EX-

Variant	8, 10 - closed, 8W, 10W - windowed, 8WD, 10WD - windowed, dual-compartment
ATEX cable glands	X - none, CG - 1 cable gland mounted, 2CG - 2 cable glands mounted, 3CG - 3 cable glands mounted