

CO2-Transmitter overview

Transmitter	CF3-W-EU-(Disp)	CF3-W-US-(Disp)	CF3-W-EU-Disp-FLI	CF3-W-US-Disp-FLI	CF3-D-(Disp)	CF5-W-(Disp)	CF5-D-(Disp)	CF8-W-Disp-AL	CF8-W-Disp-GH	CF8-W-Disp-CO	CF8-D/W-IN
Operation principle	Non-dispersive infrared (NDIR) with Automatic Baseline Correction (ABC)										
Measurement range CO2	0...2'000 ppm	0...2'000 ppm	0...2'000 ppm	0...2'000 ppm	0...2'000 ppm	0...2'000 ppm	0...2'000 ppm	0...4 %vol (0...40'000 ppm)	0...4 %vol (0...40'000 ppm)	0...2'000 ppm	0...3 %vol (0...30'000 ppm)
Measurement range CO	-	-	-	-	-	-	-	-	-	0...100 ppm	-
Measurement range Temperature	-	-	-	-	-	0...50 °C (32...122 F)	0...50 °C (32...122 F)	-	0...50 °C (32...122 F)	-	-
Accuracy CO2	±30 ppm	±30 ppm	±30 ppm	±30 ppm	±30 ppm	±30 ppm	±30 ppm	±200 ppm	±200 ppm	±30 ppm	±200 ppm
Accuracy CO	-	-	-	-	-	-	-	-	-	±10 ppm	-
Accuracy Temperature	-	-	-	-	-	±0.5 °C	±0.5 °C	-	±0.5 °C	-	-
Housing											
Wall mount	✓	✓	✓	✓		✓		✓	✓	✓	
Duct mount					✓		✓				✓
Display option	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Push/mute button			✓	✓							
Protection	IP30	IP30	IP30	IP30	IP65	IP30	IP65	IP54	IP54	IP54	IP54
Dimensions	100 x 80 x 28 mm	130 x 85 x 30 mm	100 x 80 x 28 mm	130 x 85 x 30 mm	142 x 84 x 46 mm probe: 245 x 22 x 15	120 x 82 x 30 mm	142 x 84 x 46 mm probe: 245 x 22 x 15	142 x 84 x 46 mm	142 x 84 x 46 mm	142 x 84 x 46 mm	Ø40 x 102 mm
Output											
0...10 VDC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2...10 VDC	✓	✓			✓	✓	✓	✓	✓	✓	✓
0...20 mA						✓	✓	✓	✓	✓	
4...20 mA	✓	✓			✓	✓	✓	✓	✓	✓	✓
0...5 VDC / 0...10 mA											✓
Modbus								✓		✓	
Functions											
Visible alarm (LED)	✓	✓	✓	✓	✓		✓	✓	✓	✓	
Audible alarm (Beeper)			✓	✓							
Relay								✓	✓	✓	