



Differential Pressure, Humidity and Temperature Transmitter Guide (PF Series)

		
	PF4 (Flow Sensor)	PF5 (Membrane Sensor)
Parameter	Differential Pressure, Humidity, Temperature	Differential Pressure, Humidity, Temperature
Range of application electronics with display option	-5...60 °C	-5...60 °C
Temperature limits at probe	Probe dependent	Probe dependent
Accuracy at 23 °C	rh: Probe dependent dp: ±1.0 %FSS	rh: Probe dependent dp: ±1.0 %FSS
Probe connection	1x Interchangeable HC2A or PT100 probe	1x Interchangeable HC2A or PT100 probe
Wall version	✓	✓
Keypad	✓	✓
IP protection	IP65 (IP40 with Ethernet)	IP65 (IP40 with Ethernet)
Power supply	18...48 VDC / 16...35 VAC (galvanically isolated) Optional: Power over Ethernet	18...48 VDC / 16...35 VAC (galvanically isolated) Optional: Power over Ethernet
Analog output	3/4-wire: current or voltage output	3/4-wire: current or voltage output
Communication protocol	Modbus TCP/RTU (RS-485, Ethernet)	Modbus TCP/RTU (RS-485, Ethernet)
Functions	1x Relay output, 1x Analog input, Alarm, all psychrometric parameters, ambient pressure sensor with ±1.0 hPa	1x Relay output, 1x Analog input, Alarm, all psychrometric parameters