

ABB MEASUREMENT & ANALYTICS | DATA SHEET

AquaMaster 3

Pressure transducer



Rugged construction pressure transducer for the most inhospitable environments

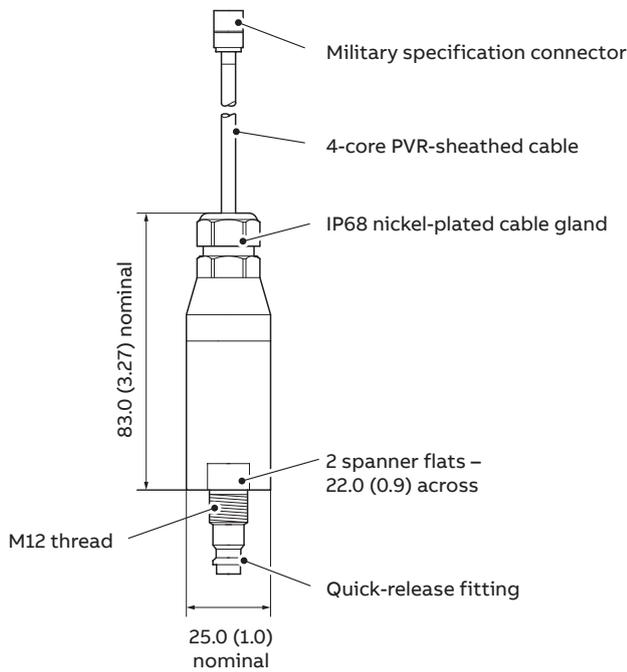
- Fully submersible, IP68 stainless steel construction
- M12 threaded for tapping directly into pipe-work
- 9 pressure span / cable length combinations
- military specification IP68 connector

Hassle free – connects into any pressure-enabled AquaMaster 3 transmitter

- no additional signal conditioner required
- no additional pressure transmitter required
- pressure recorded and stored in AquaMaster 3 data logger
- together with corresponding flow data
- pressure and flow data downloadable via optional wireless
- GSM modem

Dimensions and general arrangement

Dimensions in mm (in.)



Specification

Process connection

M12 male thread

Ingress protection

IP68 to 100 m (330 ft.)

Material

303 stainless steel

Process temperature range

0 to 50 °C (32 to 122 °F) (protect transducer from frost)

Pressure range (specify when ordering)

0 to 10, 16 or 20 bar absolute

Output

10 mV / V

Accuracy

<±0.25 % of span

Cable length (specify when ordering)

- 5 m (16 ft.)
- 10 m (33 ft.)
- 20 m (65 ft.)

Ordering information

	PSx	PTx
Pressure span		
1000 kPa / 10 bar / 145 psi	PS1	
1,600 kPa / 16 bar / 232 psi	PS2	
2,000 kPa / 20 bar / 300 psi	PS3	
Pressure transducer		
Remote, no transducer		PT2
Remote, cable length 5 m (15 ft.)		PT4
Remote, cable length 10 m (33 ft.)		PT5
Remote, cable length 20 m (65 ft.)		PT6

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