

MiDoMet Pressure Probe



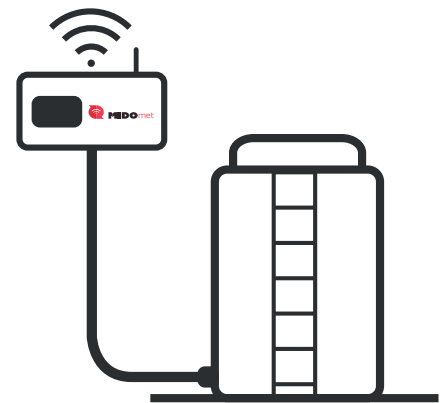
MiDoMet Pressure Probe is full sealed submersible level transducer/transmitter.

It is made by building in high stable and reliable OEM piezo-resistive pressure sensor and high accurate circuit board into the stainless steel housing. Integrated construction and standard signal provide the user easy and convenient application in the local working place. The special cable connects with housing, can be immersed into the media for a long time.

MiDoMet Pressure Probe has compact size, light weight and good stability; it can be used for water or liquid measure and control of medicine, metallurgy, electricity, mine, city water supply and drainage and hydrology, etc.

FEATURES

- Output 0 ~ 5/10 V
- Environmental class IP68
- Accuracy: $\pm 0,50\%$ FS (standard)
 $\pm 0,25\%$ FS BSL (Including non-lin., rep. and hys.)
- Excellent resistance against impact, overload, Shock and erosion
- Working Temp -30 ~ 70 °C
- Terminals: PE cable (waterproof)

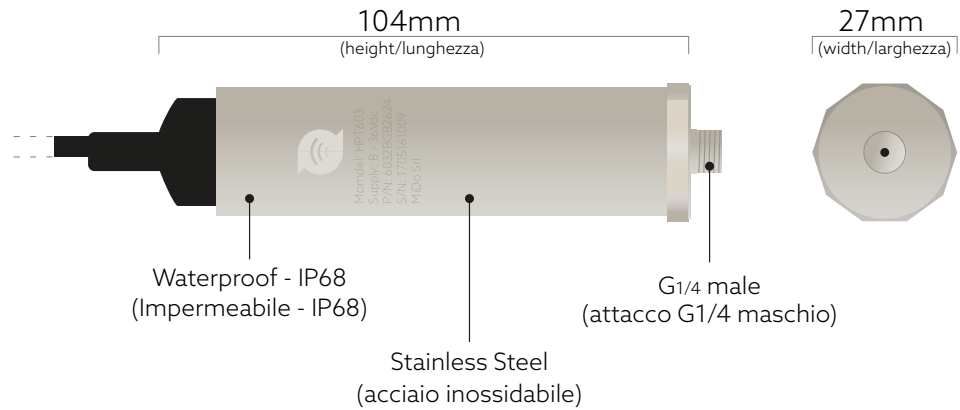


USE CASES



MiDoMet Pressure Probe (CODPROD MD.PPR.1.9.XXXXB)

DIMENSIONS



PARAMETERS

Pressure Range	0-0.1 Bar ... 50 Bar / 0-1 Mt ... 500 Mt
Terminals	PE Clable (Water Proof)
Safe Overload	150% F.S
Burst Pressure	300% F.S
Accuracy	$\leq \pm 0.5\% \text{F.S}$ (Standard) $\leq \pm 0.25\% \text{F.S}$ FS BSL (Including non-lin., rep. and hys.)
Long Stability	Standard: 0.2% F.S \pm 0.05%
Working Temp	-30°C ~ 70°C
Storage Temp	-40°C ~ 90°C
Temperature Compensation	-10°C ~ 65°C
Medium compatible	Acciaio inossidabile AISI 316
Output	0 ~ 5/10 V
Power Supply	12 ~ 36 V
Insulate resistance	> 100 M Ω @50V
Zero Temperature Drift	0.003%FS/°C ($\leq 100 \text{kPa}$) 0.002%FS/°C ($> 100 \text{kPa}$)
FS Temperature Drift	0.003% FS / °C ($\leq 100 \text{kPa}$) 0.002% FS / °C ($> 100 \text{kPa}$)
Response time	$\leq 10 \text{ ms}$
Pressure Type	Gauge pressure, sealed gauge pressure and Absolute pressure optional
Standar EMC	EN50081-1/-2 EN50082-2
Weight	Peso netto da 0.3 / 1.5 Kg

Electronic Connections	Power Supply +	Power Supply -	Signal Output +	Signal Output -	GND
3 wire 0 ~ 5/10 V	Red	Green	Yellow	NA	Black