

Pressure controller

The easy to set up and reliable devices, Smart 16 & Smart 25 are pressure controllers for domestic and industrial use. Designed with usability in mind these devices can be used for pump control, pressure regulation and booster systems.

Features:

- Compact, lightweight design, only 0.5kg
- Built for reliability
- Easy to set up and use
- Digital pressure switch which can completely replace the traditional pressure switch
- Digital pressure switch offers high accuracy and resolution (Accuracy: $\pm 1\%$ F.S. / Resolution: 0.01 bar/0.01kg/cm²/0.1psi)
- Dry running protection
- Delayed shutdown function
- Pressure setting range is adjustable from Smart 16: 0~16 bar and Smart 25: 0~25 bar



TECHNICAL SPECIFICATION

PUMP TYPE	PRODUCT CODE	MAX PRESSURE bar	WEIGHT kg
Smart 16 Pressure Controller	PHS/SMART16	16	0.4
Smart 25 Pressure Controller	PHS/SMART25	25	0.4

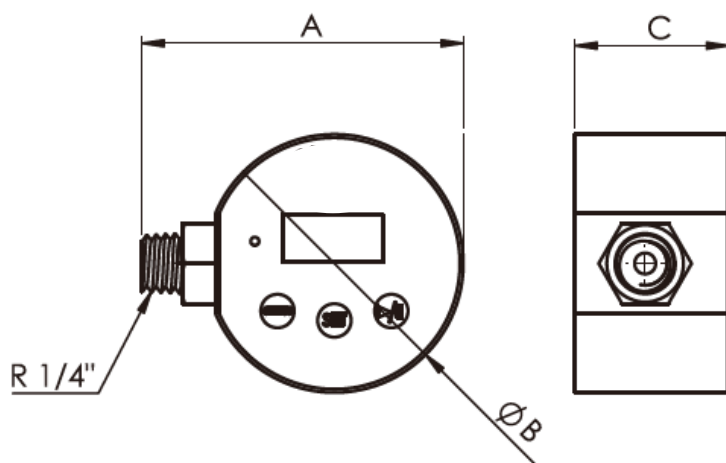
PROFILE

- Setting pressure limits as required
- Clearly indicated by 3-way LED indicator
- Built in relay signal output to avoid the device operating too frequently
- Longer life design compared with traditional pressure switch
- Within 1% controlling accuracy
- Anti-vibration design
- Display and control the pressure in real time
- Adjustable setting design upper/lower limit value alarm point/dry running detection time
- If connected to contactor in a control panel then the controller operates pumps above 1.5kW

SPECIFICATION

- Max. allowable pressure: Smart 16: 16 bar, Smart 25: 25 bar
- Power supply: 115V-220VAC $\pm 10\%$ 50/60Hz
- Pressure connection: 1/4" BSP male
- Accuracy: better than 1%F.S. (@25°C ± 3 °C)
- Sampling rate: 5 times/second
- Overload capacity: 150%F.S.
- Relay capacity: 110V for 0.75kW or 220V for 1.5kW (Max. Motor Size)
- Max. current: 12A
- Working temperature: -10°C~65°C
- Material of pressure port: Stainless steel

SPECIFICATION



Type	A	ØB	C
SMART 16	96	77	46
SMART 25	96	77	46