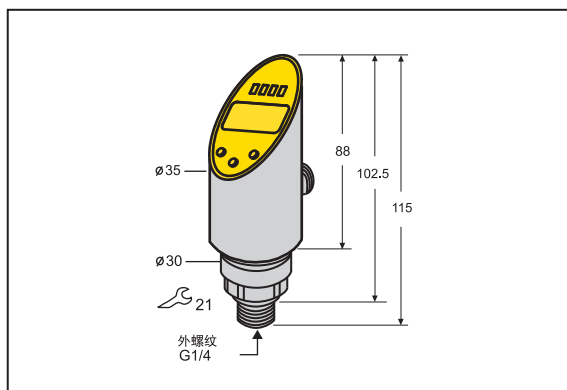


SE Pressure Sensor

SEB7-1/4GA-VPN8D-SC

SENTINEL
INDUSTRIAL AUTOMATION



- Large size digital tube and the display can be inverted by 180°.
- The 304 stainless steel housing, the housing can be freely rotated by 330°.
- Three programmable buttons can quickly select and switch the menus.
- The measurement accuracy can reach 0.5% of the full scale.
- Bluetooth transmission, which can be remotely controlled through APP.

Technical parameter

Electrical parameter

Operating Voltage	18...30VDC
No-load current	≤50mA
Pressure range	0...10bar
Output type	0...10V+2xPNP/NPN
Voltage drop (Ie)	≤2V
Accuracy switching output	0.5%
Switching point distance	≥0.5%
Switch point:	8% f.s. up to 100% f.s.
Release point(s)	5% f.s. up to 95% SP
Response time	<3ms
Load resistance	≤0.5KΩ
Repeatability	±0.1%
Medium temperature	-40...80°C
Environment/storage temperature	-40...80°C
Short circuit protection	YES
Reverse polarity protection	YES
Display	LED digital display
Measurement mode	Window/Hysteresis function
Pressure unit	bar,psi
Protection class	IP65

Mechanical parameter

Housing material	304 stainless steel
Thread connection	G1/4 external thread
Vibration resistance	20g (9...2000HZ)
Shock resistance	50g (11ms)
Max.tightening torque housing nut	35Nm
Electrical connection	5-pin,Connector M12 x 1

Wiring diagram

