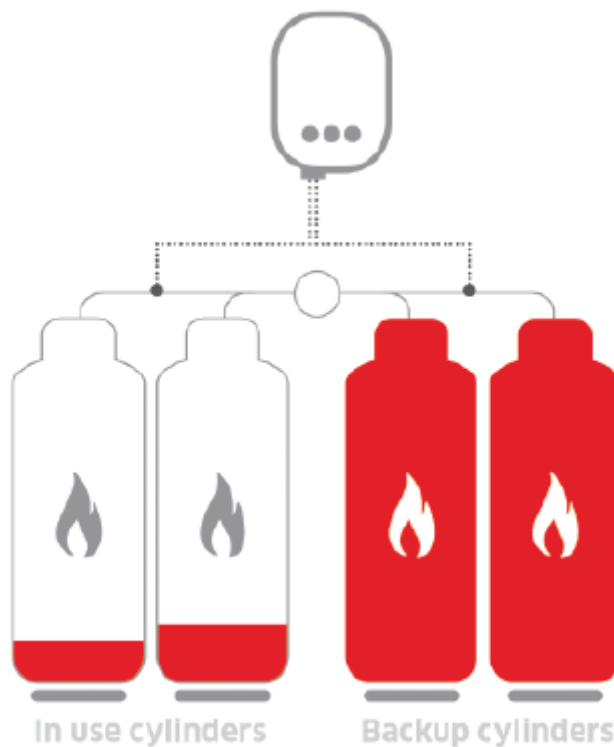


Pressure Monitoring Telemetry Solution By KC ProSupply & ANOVA

Two Pressure Gauges + One communicating Device for Cylinders



Three types of Pressure gauges



One pressure gauge for any application when pressure remote monitoring is required + One communicating device



New Device for Communication – ANOVA415.

Environmental	
Operating temperature	-30oC to +60oC
Waterproofing	Case to IP67, Connectors to IP66
Physical	
Dimensions	120mm(H) x 80mm(W) x 50mm(D)
Weight	300gm
Case	Grey plastic, UV stable
Fixing	Pipe (Cable tie), A/G (3M Dual Lock), U/G (Bracket)
External connections	2x Gaslog connectors
Display	2x Single colour LEDs
Electrical	
Power source	Integrated lithium primary battery (non-replaceable)
Battery life*	15 years at 1 call/day (target under average conditions incl. retries)
Field I/O	2x analogue inputs (level, pressure)
Diagnostics	RSSI, battery, temperature, cable, sensor
Configuration	Remote parameter configuration
Cellular Communications	
GSM/LTE ^	2G (Europe) or LTE-Cat-M1 + 2G fall back (Europe) or LTE Cat-M1 (US, AT&T)
SIM	Integrated chip SIM (MFF2)
Data Services	IP data
Antenna	Integrated (internal)
Global Positioning	
Satellite constellation	GPS + GLONASS
Antenna	Integrated (internal)
Accuracy	~10m horizontal (target under average conditions)
Compliance	
EMC/EMI	CE, FCC
Hazardous Area	IECEx, ATEX, AEx (Ex ia IIC T4 Tamb -30°C to +60°C)

Pressure gauges SC460 (Single or Dual)

Performance	
Pressure Measurement Ranges	0 to 2.5bar, 25bar, 315bar (36psi, 360psi, 4500psi)
Accuracy	Dial: $\pm 2.5\%$ FSR Signal output: $\pm 0.5\%$ of Dial reading
Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Thermal Error, w.r.t. 20°C (68°F)	Dial: $\pm 0.04\%$ FSR/°C ($\pm 0.02\%$ FSR/°F) Signal output: $\pm 0.25\%$ FSR/°C ($\pm 0.13\%$ FSR/°F)
Medium Temperature	+60°C (+140°F) Steady; +90°C (+190°F) Short
Pressure Limitation	Steady: 3/4 FS; Fluctuating: 2/3 FS; Short: FS
Environmental	
Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Ingress Protection	IP 65 acc. IEC 60529 (NEMA 4X acc. NEMA 250-2003)
Physical	
Body Dimensions	55mm (Ø) x 34mm (D) x 76mm (H) (2.17" x 1.34" x 3")
Weight	0.2 kg (0.44 lb)
Case	Stainless steel with pressure release grommet
Window	Polycarbonate, clear, 50mm (2" Ø nominal
Dial	Plastic, white with bar (red) and psi (black) scale markings, "For Indication Purposes Only" (black)
Pointer	Plastic, black
Bourdon Tube/Movement	Brass
Process Connection	Brass (Nickel plated in 315 bar model) ¼ NPT (ANSI/ASME B1.20.1) with 0.3mm restrictor
Electrical Connection	3 way GASLOG connector c/w 1m lead
Electrical	
Supply Input	Compatible with GASLOG Universal Input
Signal Output	Compatible with GASLOG Universal Input
Compliance	
Marking	CE, C-Tick (FCC)
Design	EN 837-1 (ASME B40.100)
EMI/EMC	EN 61000-4-6 / EN 61000-4-3 (FCC Part 15B)
Hazardous area	ATEX Ex ic IIC T4
Other	RoHS

Standard Models:

Model #	Function
SC460A252A21	2.5bar, brass Bourdon tube + process connection, 0.3mm restrictor, ATEX
SC460A253A21	25bar, brass Bourdon tube + process connection, 0.3mm restrictor, ATEX
SC460A314B12	315bar, brass Bourdon tube + process connection (Ni plated), 0.3mm restrictor, oxygen service