# **Bourdon Tube Pressure Gauges**

# Liquid Filled Utility Pressure Gauge

# Standard Versions

Used in hydraulic and pneumatic systems, compressors regulators and machine builders. Suitable for fluid or gaseous media which does not clog connection port or corrode stainless steel. It is intended for serve service conditions where pulsation or vibration exist

# Accuracy (EN 837-1)

Ø40 (1.5"): ±2.5%F.S Ø50 (2"), Ø63 (2.5"), Ø75 (3"), Ø100 (4"): ±1.6%F.S.

Case Stainless steel case and crimped ring

Case Filling for model U2CG X-3: glycerine filled

# **Operating Temperature**

Ambient: -20°C to 60°C (-4°F to 140°F) Media: Max. 60°C (140°F)

Service Fluid Compatible gases and liquids

### **Nominal Case Size**

**X**: Ø40, 50, 63, 75, 100 (mm) (1.5", 2", 2.5", 3", 4")

### Wetted Parts

Type -1: Connection: Bourdon tube:

stainless steel stainless steel

# **Case Configuration**

Mounting device:

Connection: Position of the connection:

screwed bottom connection, optional back connection (rm) bottom lower with back flange wall mounting (Rh), centre back with front flange panel mounting (rmFr), lower with U-clamp panel mounting (rmBFr)

# Pressure Ranges (EN 837-1)

Vacuum:		-1/0 bar
Compound:	-30"Hg/0/200 psi	-1/0/14 bar
Pressure:	0/15 psi/10,000 psi	0/1 bar/ 700 bar

# **Working Pressure**

Stead Fluctu Short

y:	3/4 of full scale	
lating:	of full scale	
time:	full scale	

#### **Process Connection** Stainless Steel:

" for Ø40mm ¼" for Ø50mm, Ø63mm, Ø75mm 1/2" for Ø100mm BSP, BSPT, NPT or metric thread

#### **Bourden Tube** Stainles

ss steel:	-30"Hg/800 psi (C-Type)
	800 psi/ 10,000 psi (Coil-Type)

#### Window Polycarbonate

# Movement

Industry Ltd

Stainless steel

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# Dial

Aluminum, black or black/red figures, white background

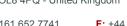
### Pointer Aluminum, black

**Ordering Information, Standard Pressure Ranges, Options** 

see page 2

# Special Versions and further Options among others

- Other scales/ranges
- Customer logo on dial
- Other process connections
- Scale unit can use kPa, MPa, kgf/cm2, kg/cm2, torr, atm
- Rubber cover available for 40mm, 50mm, 63mm, 75mm, 100mm
- · Liquid inside can be changed to be silicon oil
- Liquid inside can be filled by customer
- Fill cap can be changed to be with tip
- Enquiry to sales@itiuk.com







# **Case Configuration, and Code Letters**



