

## Pressure transmitter for high pressure series ETX.341

St. steel housing & wetted part  
with thin-film technology

### General features

- Measuring range 0...250 bar to 0...1000 bar
- Temperature range of media -40°C to 125°C
- Shock and vibration resistance >1000g shock, >20g vibration
- No internal transmission media
- Protection class IP65
- Compact and rugged model in stainless steel

### Application area

- Generally to be used in industrial applications
- Hydraulics
- Pneumatics
- Engineering
- Industrial Equipment and Automation technology

### General specification

#### Pressure ranges

	(unit : bar)			
Measuring	250	400	600	1000
Overload	750	750	840	1200
Burst	1000	1000	1050	1500

#### Accuracy

% of the range  $\leq 0.50$

BSFL  $\leq 0.125$

incl nonlinearity hysteresis repeatability zero offset and final offset (acc. To IEC 62198-2)

Non-linearity % of the range  $\leq 0.15$

Repeatability % of the range  $\leq 0.10$

Stability/year % of the range  $\leq 0.10$

#### Electrical parameter

Output signal 4...20mA (2-wire)

Us[VDC] 9...32 VDC

RA[Ω] acc. To RA =  $< (U_s - 10V) / 0.02A$

Response time (10...90%) t [ms] <1

Withstand voltage U [VDC] 350



### Pressure transmitter series ETX.341

#### Mechanical parameter

Wetted parts St. steel

Housing St. steel

Shock resistance g 1000  
acc to IEC 68\*2\*32

Vibration resistance g 20

acc to IEC 68-2-6 and 68-2-36

Mass m[g] 120

CE-conformity EC directive 89/336/EWG

#### Acceptable temperature ranges

Measuring media -40...125 °C

Ambience -40...105 °C

Storage -40...125 °C

Compensated range -20...85 °C

Temp. coefficient within the compensated range

Mean TC offset % of the range  $\leq 0.15 / 10K$

Mean TC range % of the range  $\leq 0.15 / 10K$

Total error % of the range 40 °C 2.00%

% of the range 105 °C 2.00%

[www.daho.co.kr](http://www.daho.co.kr)

**DAHO**

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## Ordering Information

Model code

ETX.341



### Output signal

O1 : 4...20mA, 2-wire system

### Option

Refer to option table

### Electrical connection

D : DIN 43650 C, mPm plug

### Pressure range

Refer to pressure range table

### Pressure connection

G4 : G1/4" (PF1/4")

### Pressure range code, unit bar

Code	Range
R47	0...250 bar
R50	0...400 bar
R53	0...600 bar
R55	0...1000 bar

### Option code

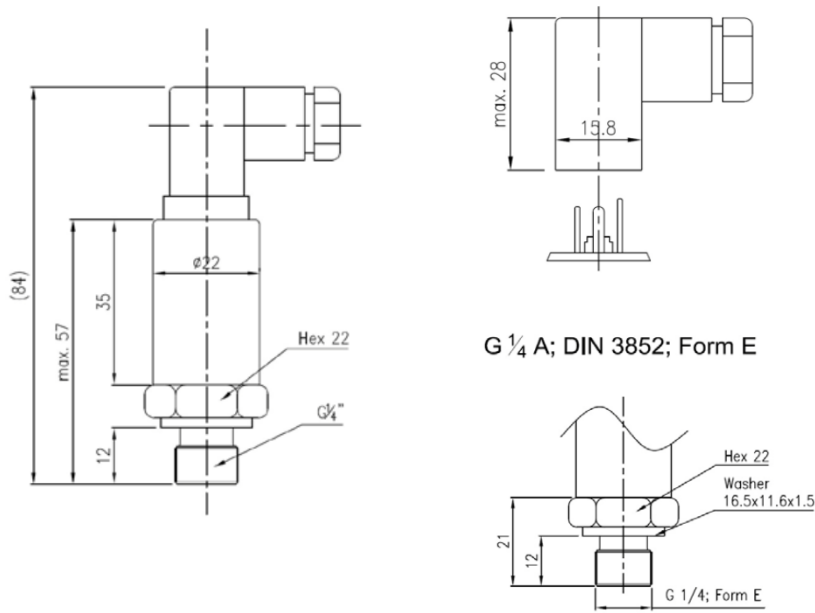
Code	Description	Code	Description
CD2	Cooling device up to 200°C	MC	Manufacture calibration certificate
CD3	Cooling device up to 300°C	KC	KOLAS Ilac-MRA calibration certificate
TP	St. stell tag plate, 60 x 20 x 0.5t		

### How to Order

ETX.341.O1DG4R47

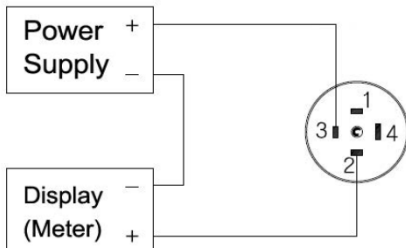
ETX.341, ±0.5%FS, 4...20mA, mpm plug, G 1/4", 0...250 bar

**Outline drawing**



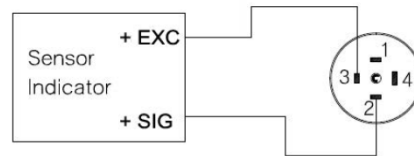
**Process connection**

MVS/C  
DIN EN 175301-803



[Wiring 1(2-wire)]  
When the application of power supply and display device are separating.

MVS/C  
DIN EN 175301-803



[Wiring 2(2-wire)]  
When using the sensor indicator.



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