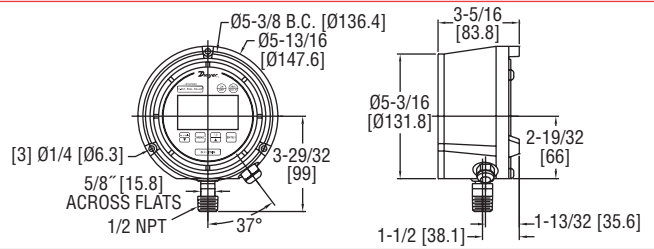




DIGITAL INDICATING TRANSMITTER

±0.25% Full-Scale Accuracy



The **SERIES DSGT** Digital Indicating Transmitter is a versatile multi-function process gage that features an excellent 0.25% full-scale accuracy. This all-in-one digital gage package is designed to reduce installation costs, instrument cost, and save space where an application requires a gage, transmitter, and switches. The Series DSGT gage comes standard with a loop-powered 4 to 20 mA transmitter. The Series DSGT gage is enclosed in a durable fiberglass reinforced thermoplastic case that is designed to meet NEMA 4 IP56 requirements. The gage features a menu-driven display for easy customization. User selectable features include 12 engineering units of measure, password protected calibration and disable functions, as well as an adjustable bar graph and update/dampening rates.

FEATURES/BENEFITS

- All-in-one digital gage package is designed to reduce installation costs, instrument cost, and save space where an application requires a gage, transmitter, and switches
- Durable fiberglass reinforced thermoplastic case to meet NEMA 4 (IP56) requirements supports use in harsh environments
- Password protected calibration and disable functions helps to insure no errors by untrained personnel

APPLICATIONS

- Process
- Outdoor
- Compressor
- OEM

MODEL CHART

| Model | Range (psig) | Model | Range (psig) | Model | Range (psig) | Model | Range (psig) |
|--------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| DSGT-101-C0S | 30" Hg-0 to 15 | DSGT-106-C0S | 0 to 100 | DSGT-109-C0S | 0 to 300 | DSGT-116-C0S | 0 to 5000 |
| DSGT-102-C0S | 30" Hg-0 to 30 | DSGT-107-C0S | 0 to 160 | DSGT-110-C0S | 0 to 600 | DSGT-117-C0S | 0 to 8000 |
| DSGT-104-C0S | 0 to 30 | DSGT-108-C0S | 0 to 200 | DSGT-112-C0S | 0 to 1000 | DSGT-118-C0S | 0 to 10000 |
| DSGT-105-C0S | 0 to 60 | | | | | | |

SPECIFICATIONS

GAGE SPECIFICATIONS
Service: Compatible, non-combustible liquids & gases.
Wetted Materials: 17 to 4 stainless steel sensor, 316 SS socket.
Housing Materials: Fiberglass reinforced thermoplastic case.
Accuracy: 0.25% FS (includes linearity, hysteresis, repeatability).
Pressure Limit: 2 x FS range.
Process Connection: 1/2" male NPT.
Display: 5 digit (0.88" high).

Memory Back Up Supply: (2) C alkaline batteries, installed functional, user replaceable.
Output Signal: 4 to 20 mA.
Response Time: 100 ms.
Temperature Limits: 14 to 140°F (-10 to 60°C).
Thermal Effects: 0.04% FS/°F.
Electrical Connections: 3 ft flying leads.
Loop Resistance: DC; 0 to 1090 Ω max.
Set Point Adjustments: Adjustable through menu selections.
Weight: 1.45 lb (.66 kg).
Agency Approvals: CE.

TRANSMITTER SPECIFICATIONS

Power Requirements: 12 to 36 VDC (loop powered).

OPTION

| Use order code: | Description |
|-----------------|--|
| NISTCAL-PT1 | NIST traceable calibration certificate |