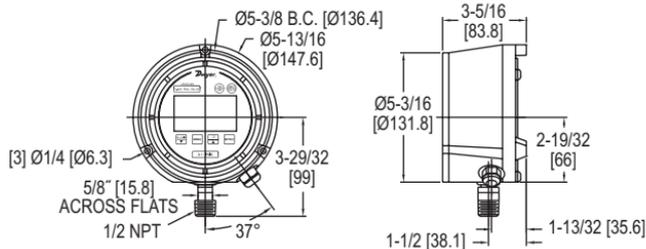


# DIGITAL INDICATING TRANSMITTER

±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).

#### TRANSMITTER SPECIFICATIONS

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

### OPTIONS

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