



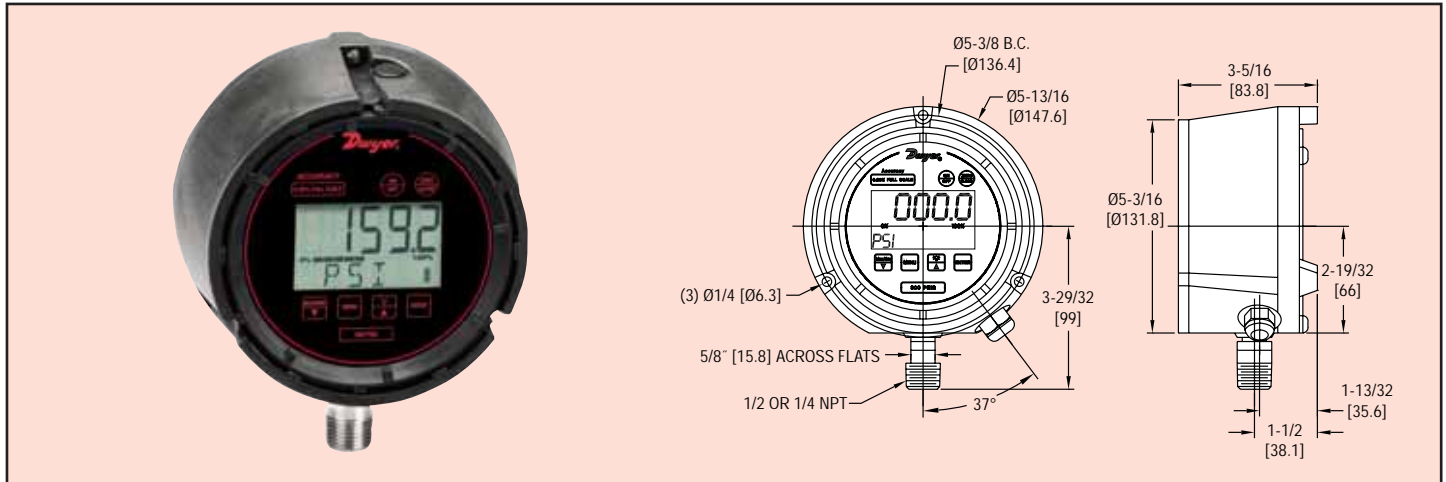
Series  
DSGT

# Digital Indicating Transmitter

±0.25% Full Scale Accuracy, Optional Switch Outputs



Pressure



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 4-20 mA transmitter output and is offered with one or two optional SPDT switches.

The Series DSGT gage is housed in a durable fiberglass reinforced thermoplastic case that is designed to meet NEMA 4 (IP65) 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.

DSGT-XXX-C0S, Transmitter with No Switch Outputs

DSGT-XXX-C1S, Transmitter with 1 SPDT Switch Output

DSGT-XXX-C2S, Transmitter with 2 SPDT Switch Outputs

## SPECIFICATIONS

### Gage Specifications

**Service:** Compatible, non-combustible liquids & gases.

**Wetted Materials:** 17-4 stainless steel sensor, 316 SS socket.

**Housing Materials:** Fiberglass reinforced thermoplastic case.

**Accuracy:** 0.25% full scale (Includes linearity, hysteresis, repeatability).

**Pressure Limit:** 2 x full scale range.

**Process Connection:** 1/2" male NPT.

**Display:** 5 Digit (0.88" high).

### Transmitter Specifications

**Power Supply:** 12-36 VDC (Loop Powered).

**Output Signal:** 4-20 mA.

**Response Time:** 100 ms.

**Temperature Limits:** 14 to 140°F (-10 to 60°C).

**Thermal Effects:** 0.04% full scale/°F.

**Electrical Connections:** 3 ft flying leads.

**Loop Resistance:** DC; 0-1090 ohms maximum.

**Set Point Adjustments:** Adjustable through menu selections.

**Weight:** 1.45 lb (.66 kg).

**Agency Approvals:** CE.

### Switch Specifications (optional)

**Switch Type:** 1 SPDT (-C1S option); 2 SPDT (-C2S option).

**Repeatability:** 0.25% full scale.

**Electrical Rating:** 1A @ 24 VDC or 0.5A @ 125 VAC.

**Electrical Connections:** 3 ft flying leads.

**Power Requirements:** 12-36 VDC (Separate line power).

**Enclosure Rating:** NEMA 4X (IP66).

## MODELS

Model Number*	Range	Model Number*	Range
DSGT-101-C0S	30" Hg-0-15 psig	DSGT-111-C0S	0-800 psig
DSGT-102-C0S	30" Hg-0-30 psig	DSGT-112-C0S	0-1000 psig
DSGT-103-C0S	30" Hg-0-60 psig	DSGT-113-C0S	0-1500 psig
DSGT-104-C0S	0-30 psig	DSGT-114-C0S	0-2000 psig
DSGT-105-C0S	0-60 psig	DSGT-115-C0S	0-3000 psig
DSGT-106-C0S	0-100 psig	DSGT-116-C0S	0-5000 psig
DSGT-107-C0S	0-160 psig	DSGT-117-C0S	0-8000 psig
DSGT-108-C0S	0-200 psig	DSGT-118-C0S	0-10,000 psig
DSGT-109-C0S	0-300 psig	DSGT-119-C0S	0-15,000 psig
DSGT-110-C0S	0-600 psig	DSGT-120-C0S	0-20,000 psig

\*For optional switch outputs change -C0S suffix to -C1S for 1 SPDT switch, or -C2S for 2 SPDT switches.