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.

**Model DSGT-XXX-C0S**, Transmitter with No Switch Outputs  
**Model DSGT-XXX-C1S**, Transmitter with 1 SPDT Switch Output  
**Model DSGT-XXX-C2S**, Transmitter with 2 SPDT Switch Outputs

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**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 140ºF (-10 to 60ºC).  
- **Thermal Effects:** 0.04% full scale/ºF.  
- **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).

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