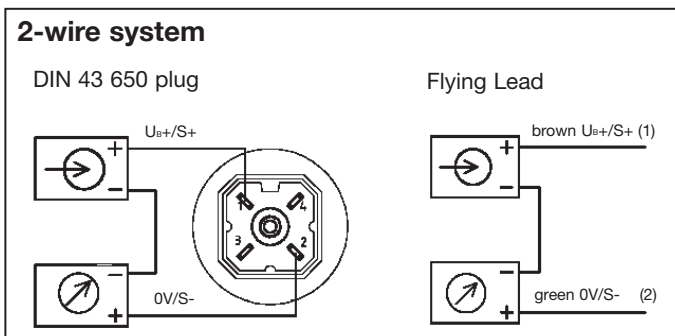


SPECIFICATIONS

Specifications	
Sensing principle Pressure reference	thin film, relative pressure {absolute reference to 250 PSIA}
Pressure connection Material: - wetted parts - case - internal transmitting liquid	1/4 NPT male 1/4 BSP male 7/16 - 20 SAE male 1.4571 and 1.4542 stainless steel (316 SS and PH17-4 SS) 1.4301 stainless steel (304 SS) silicone oil piezoresistive sensors to 20 bar (300 PSI), {halocarbon oil or oxygen service}, no liquid fill used for thin film sensors > 20 bar (300 PSI)
Supply Voltage U_s Output and load limitations: Output signal and maximum load Upper cutoff frequency Response time (10...90%)	10-30 DC Volts 4-20 mA 2-wire system RA [Ohm] < (U [V] - 10V) / 0.02 A 150Hz < 1 milliseconds
Accuracy (linearity, including hysteresis and repeatability) Repeatability Hysteresis 1 year stability	≤ 0.50% of span (B.F.S.L.) ≤ 0.05% of span ≤ 0.1% of span ≤ 0.2% of span (under reference conditions)
Temperature Media Ambient Storage Compensated range Temperature error (reference 21°C (70°F)) on zero point on span	-30°C to +85°C (-22°F to +185°F) -30°C to +85°C (-22°F to +185°F) -40°C to +100°C (-40°F to +212°F) 0°C to +80°C (+32°F to +176°F) < 0.3% of span per 10°C (18°F) change < 0.2% of span per 10°C (18°F) change
CE conformity	89/336/EWG Interference emission and immunity according to EN61326 97/23/EWG Pressure equipment directive
Shock resistance Vibration resistance	1000g according to IEC 60068-2-27 50g according to IEC 60068-2-6
Electrical connection Weight Dimensions Electrical protection Environmental protection	4-pin miniature L-plug per DIN 43 650 approximately 0.1 kg (0.2lb) see drawing protected against reverse polarity, short circuit, and overvoltage IP 65 (NEMA 5) according to IEC 60529 with L-plug (4-pin)

Electrical connections

Wiring



2-wire system

Wire	Coding	DIN Plug	Wire Color
Supply +	UB+ / S+	pin1	Brown
Signal -	0V / S-	pin2	Green