

Individual Specifications

Millivolt Output units	
Output	100 mV (10 mv/v)
Supply Voltage (Vs)	10 VDC (15 VDC max.) Regulated
Bridge resistance	2600-6000 ohms
Voltage Output units	
Output	see ordering chart
Supply Voltage (Vs)	1.5 VDC above span to 35 VDC @ 6 mA
Supply Voltage Sensitivity	0.01% FS/Volt
Min. Load Resistance	(FS output / 2) Kohms
Current Consumption	approx 6 mA at 7.5V output
Current Output units	
Output	4-20 mA (2 wire)
Supply Voltage (Vs)	24 VDC, (7-35 VDC)
Supply Voltage Sensitivity	0.01% FS/Volt
Max. Loop Resistance	(Vs-7) x 50 ohms

Electromagnetic Capability

Meets the requirement for CE marking of EN50081-2 for emissions and EN50082-2 for susceptibility.

Test Data:

- EN61000-4-2 Electrostatic Discharge. 8kV air discharge, 4kV contact discharge. Unit survived.
- ENV50140 Radiated RF Susceptibility. 10V/m, 80MHz-1GHz, 1kHz mod. Maximum recorded output error was $<\pm 1\%$
- ENV50204 Radiated RF Susceptibility to Mobile Telephones. 10V/m, 900MHz. Maximum recorded output error was $<\pm 1\%$.
- EN61000-4-4 Fast Burst Transient. 2kV, 5/50ns, 5kHz for 1 minute. Unit survived.
- ENV50141 Conducted RF Susceptibility. 10Vms, 1kHz mod, 150kHz - 80MHz. Maximum recorded output error was $<\pm 1\%$

Connection Code	mV units	Voltage units				Current units (4-20mA)						
		IN+	OUT+	OUT-	IN-	IN+	COM	OUT+	EARTH	(+)	(-)	EARTH
A, B, G "DIN" PIN	1 2 3 E	1	2	3	E	1	2	3	4	1	2	4
C "10-6 Bayonet" PIN	A B C D	A	B	C	D	A	C	B	E	A	B	E
D "cable"	R Y BL G	R	Y	BL	G	R	BK	W	DRAIN	R	BK	DRAIN
F "IP 67 cable"	R Y BL G	R	Y	BL	G	R	BK	W	DRAIN	R	BK	DRAIN
M "Immersible"	R Y BL W	R	Y	BL	W	R	W	Y	DRAIN	R	BL	DRAIN
1 "8-4 Bayonet" PIN	A B C D	A	B	C	D	A	C	B	D	A	B	D
2 "cable"	R W G BK	R	W	G	BK	R	BK	W	DRAIN	R	BK	DRAIN
3 "conduit & cable"	R W G BK	R	W	G	BK	R	BK	W	DRAIN	R	BK	DRAIN

Cable Legend:

R = Red
BL = Blue
BK = Black
W = White
Y = Yellow

