

Specification Groups

	1	2	3	4
ELECTRICAL				
Recommended Excitation	10 Vdc.	10 Vdc.	10 Vdc.	10 Vdc.
Maximum Excitation	15 Vdc.	15 Vdc.	15 Vdc.	15 Vdc.
Output at Rated load	2 mV/V nom.	2 mV/V nom.	2 mV/V nom.	2 mV/V nom.
Zero Balance	5% of RL	5% of RL	5% of RL	5% of RL
Input Impedance	415+/-15ohms	420+/-20ohms	350+/-10ohms	350+/-10ohms
Output Impedance	350+/-3ohms	350+/-3ohms	350+/-3ohms	350+/-3ohms
Insulation	>10 ⁹ ohms	>10 ⁹ ohms	>10 ⁹ ohms	>10 ⁹ ohms
Compensation Temp. Range	10 to 40deg C	10 to 40deg C	15 to 65deg C	15 to 65deg C
Safe temp. Range	-30 to 70deg C	-30 to 70deg C	-30 to 70deg C	-30 to 70deg C

MECHANICAL

Safe Overload	150% of RL	150% of RL	150% of RL	150% of RL
Ultimate Overload	300% of RL	300% of RL	300% of RL	300% of RL
Deflection	<0.5mm at RL	<0.5mm at RL	<0.5mm at RL	<0.5mm at RL
Cable Type	6-C screened	4-C screened	4-C screened	4-C screened
Cable Length	1 metre	3 metres	3 metres	3 metres
Sealed	IP65	IP67	IP65	IP67

	5	6	7	8
ELECTRICAL				
Recommended Excitation	10 Vdc.	10 Vdc.	10 Vdc.	10 Vdc.
Maximum Excitation	15 Vdc.	15 Vdc.	15 Vdc.	15 Vdc.
Output at Rated load	1 mV/V nom.	1 mV/V nom.	1 mV/V nom.	1 mV/V nom.
Zero Balance	5% of RL	5% of RL	5% of RL	5% of RL
Input Impedance	700+/-20ohms	350+/-20ohms	2000+/-20ohms	5000+/-20ohms
Output Impedance	700+/-10ohms	350+/-10ohms	2000+/-20ohms	5000+/-20ohms
Insulation	>10 ⁹ ohms	>10 ⁹ ohms	>10 ⁹ ohms	>10 ⁹ ohms
Compensation Temp. Range	15 to 65deg C	15 to 65deg C	15 to 65deg C	15 to 65deg C
Safe temp. Range	-30 to 70deg C	-30 to 70deg C	-30 to 70deg C	-30 to 70deg C

MECHANICAL				
Safe Overload	200% of RL	200% of RL	200% of RL	200% of RL
Ultimate Overload	600% of RL	600% of RL	600% of RL	600% of RL
Deflection	<0.5mm at RL	<0.5mm at RL	<0.5mm at RL	<0.5mm at RL
Cable Type	4-C screened	4-C screened	4-C screened	4-C screened
Cable Length	3 metres	3 metres	10 metres	10 metres
Sealed	IP65	IP65	IP65	IP65

ELECTRICAL

Recommended Excitation	10 Vdc.
Maximum Excitation	15 Vdc.
Output at Rated load	2 mV/V nom.
Zero Balance	5% of RL
Input Impedance	380+/-10ohms
Output Impedance	350+/-3ohms
Insulation	>10 ⁹ ohms
Compensation Temp. Range	15 to 65deg C
Safe temp. Range	-30 to 70deg C

MECHANICAL

Safe Overload	150% of RL
Ultimate Overload	300% of RL
Deflection	<0.25mm at RL
Cable Type	4-C screened
Cable Length	1 metre
Sealed	IP65