



CHARACTERISTICS

SPECIFICATIONS	
Sensitivity:	500 μ A (\pm 15%) (Full Scale)
Internal resistance:	650 Ω \pm 15%
Insulation resistance:	50M Ω (100VDC @ 68°F, 70% relative humidity)
Damping:	Pointer reaches final position within one second

ELECTRICAL SPECIFICATIONS	
Zero Position:	Tolerance \pm 1 mm
Balance:	Incline meter 90° from usage position the pointer (zero Position) tolerance within \pm 1 mm
full scale Pointer Stick:	3 times full scale current in slowly decrease current to 1/2 of full scale, the pointer get back within 1/3 full scale and then the pointer will get back to 1/2 full scale gradually
Friction:	Increase current to "a set point", the pointer tolerance within \pm 1 mm (assume the current at the set point is correct)
Response Time:	Maximum current in takes less than 1 second to reach 70% scale

TEST CONDITION	
Overload Test: (Max. current/limit)	10 times full scale current in every 5 seconds, repeat 9 times (each time 0.5 second), item No. 7-14 satisfied
Vibration Test:	1000/min. full range vibration 4mm X, Y, Z 3 direction, keep 30 minutes
Shock Test:	Final packaging, freefall from 30cm height, X, Y, Z 3 directions each
Reliability Test:	100,000 times continuous current, current deviation \pm 10%
Environment Test:	50°C, 85% humidity, 100 hours, meter satisfy with spec
Terminal Strength Test:	Terminal can resist 1 Kg pulling, any scale for 60 seconds