

AHM489KS -72-RGR Moving Coil Display Module

Suitable for measurement of DC Current or Voltage. Jewel and pivot movement ensures reliability and accuracy.

Technical Specification

Input - Current

0-50uA to 0-40A direct connected,
> 0-40A use shunt and mV Voltmeter.
Can be driven from a transducer output,
4-20mA process loop input available.
Voltage Drop: Ammeter <100mV

Input - Voltage

0-50mV to 0-800V Direct Connected
Current Consumption: <200V 1mA, >200V 200uA

Display

Scales are linear and calibrated from zero to full scale.
Scaleplates are available in any process unit including;
A, V, °C, bar, rpm, kW and %
Available in shortscale (90° sweep) and longscale (240° sweep)
Special scaled plates are available on request
Accuracy Class: 1.5 ($\pm 1.5\%$ max.error)

Panel Fixing Details

Meter 3U high 20E wide
Mounting 19" rack / 84E wide (See rack GA details)

Environmental Conditions

Storage Temperature: -40 to +70°C
Operating Ambient: -20 to +50°C
Relative Humidity: 0 to 90% (Non-condensing)

Vibration/Seismic Qualification

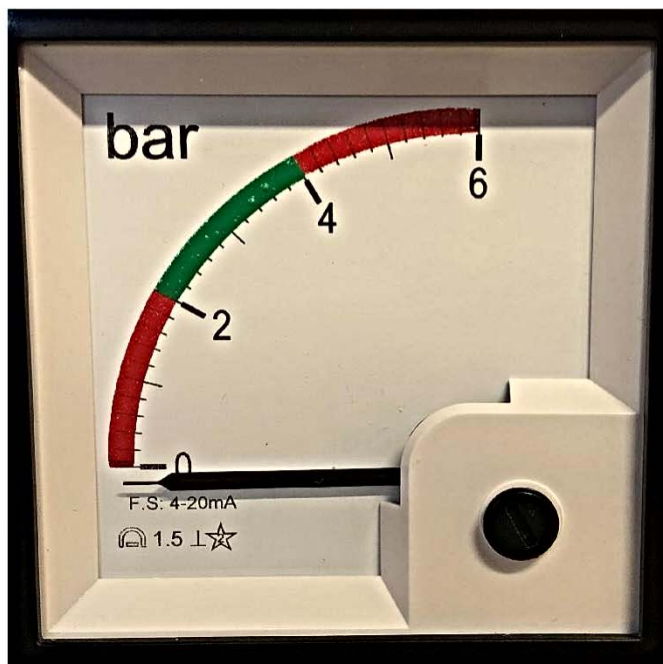
min vibration of ± 0.25 mm amplitude at a frequency of 50Hz, corresponding to an acceleration equal to 2.5 g, in three perpendicular axes for 20 minutes.

Dimensions

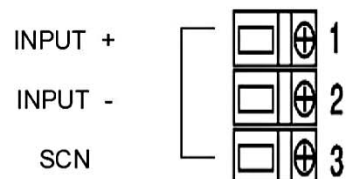
Bezel size: 72 x 72 mm
Cut-out Size: 68 x 68 mm
Depth: 54 mm including terminals
IP rating: IP54 Front of panel as std
(IP65 front of panel sealing gasket available)

Enclosure

Weight: <200g
Flame retardant white ABS plastic case with black bezel.
Case IP52 to IEC529 and BS5490
(IP65 all round sealing optional)



Customer Termination



Dimensions (mm)

