



Ruggedised and Long Scale Meters

*Quality meters –
for a wide range
of applications
and demanding
environments*

The SIFAM range of Ruggedised and Long Scale Meters

SIFAM's 70 years of analogue panel meter engineering experience shows its pedigree in the quality and durability of the Ruggedised and Long Scale Meters range. Using well proven and tough meter movements you simply won't find better in their class!

This range of products is available to existing designs or can be modified to your own specifications. Movements can also be incorporated into custom enclosures or be supplied for assembly at your facility. Whatever your requirements SIFAM will supply you with quality products and customer service.

Typical applications include those within the aviation, marine and military vehicle markets.



Features and benefits

- ◆ Scale arcs up to 250° with 360° rotation available using synchro motor
- ◆ Three sizes: 24, 27 and 37mm diameter
- ◆ Fully magnetically shielded movements, with sapphire jewels and tungsten carbide pivots
- ◆ Available with left hand, right hand, centre or suppressed zero options
- ◆ Accuracy from 1.5%
- ◆ Dial markings to customer requirements
- ◆ Metal enclosures 30-200mm in diameter with glass window
- ◆ Robust, sealed enclosures with an inert gas charge option to prevent fogging
- ◆ Movements can be fitted into your own enclosures
- ◆ Individual movements from 24mm diameter can be supplied for assembly at your own manufacturing facility
- ◆ Illumination options using incandescent lamps
- ◆ Full range of pointer styles coloured to your specific requirements
- ◆ Full manufacturing traceability available

Typical specification

Coil Resistance Ø33x250° Movement

| DC Current | Resistance (Ω) |
|------------|----------------|
| 0-200 µA | 2900 |
| 0-500 µA | 210 |
| 0-1 mA | 135 |
| 0-10 mA | 8 |
| 0-500 mA | 0.2 |
| 4-20 mA | 3.0 |

50 and 100 µA available on request

Ø27 and Ø24 movement data available on request



250° movement with offset style pointer.

This information is intended to illustrate the general capability SIFAM has for manufacturing Ruggedised and Long Scale Meters. These can be supplied to existing designs or, using the extensive in-house engineering resource, tailored to specific customer requirements.

For further information please contact the Sales Office.



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As part of our policy of continuous product improvement we reserve the right to change specifications at any time.