

NEW PRODUCTS

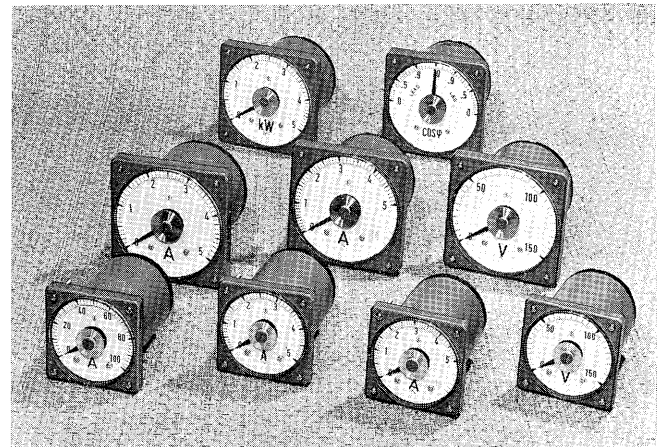
NEW FUJI WIDE ANGLE INDICATING METER SERIES

The extremely long scale length (with respect to installation space) makes the new wide angle meter series extremely easy to read and reduces switchboard size considerably. Therefore, a large number of meters can be employed with centralized control panels.

The standard Fuji 110□ wide angle meter series has now been followed by the 80□ series designed to meet today's demand for small, economical indicating meters. At the same time, considerable improvements have also been made in meter performance and the taut-band suspension system adopted.

Features

- Taut-band suspension system
Minimum friction, high shock resistance, high vibration resistance
- Effective value rectifying system for minimum waveform error



- Compact, high performance
Meets 1.5 class standards (JIS-C 1102 Indicating Meters)
- Distinct, easy to read graduations
- Reasonable price
- Modern functional design

Specifications

Meter	Model	Principle of operation	Connection	Rating (Figures in () are substandard)		Remarks	
DC ammeter	SWM-3 (110 [□])	Moving coil type	Direct	(0.3), 0.5, (0.75), 1, (1.5), 2, (3), 5, (7.5), 10, (15), 20, (30), (40), 50, (75), 100, (150), 200, (300), 500, (750), mA 1, 1.5, 2, 3, 5, (7.5), 10, 15, 20, 30 A		Internal resistance 0.5 mA : ca. 800 Ω 1 mA : ca. 200 Ω 2 mA : ca. 70 Ω 5 mA : ca. 10 Ω 10 mA : ca. 5 Ω More than 15 mA : ca. 60 mV of voltage drop	
	SWM-6 (80 [□])		60 mv external shunt (100 mv also available in case of expansion of existing units)	5, 7.5, 10, 15, 20, 30, (40), 50, 75, 100, 150, 200, 300, (400), 500, (600), 750, 1000, (1200), 1600, 2000, 3000, 4000, 5000, (7500), 10000 A		Connection wire (single path length 1.5 m, both way resistance 0.06 Ω) provided	
DC voltmeter			Direct	10, 30, (50),(75), 100, 150, 300, (500), (600) V		Current consumption : ca. 1 mA Expanded scales are also available	
			Voltage divider connected externally	750, 1000, 1500, 2000 V		Divider current consumption : ca. 2 mA Withstand voltage: 2 kV	
AC ammeter	SWR-3 (110 [□])	Effective value rectifier type	Direct	50/60 Hz for common use	(10), (50), (75), (100) mA (0.5), 1, (1.5), (2), (3), 5, (7.5), 10, 15, 20, 30 A Maximum extension scale is twice the maximum scale value given above	ca. 1 VA (5 A) Meters having a 3 times maximum extension scale are also available	
AC voltmeter	SWR-6 (80 [□])		CT connected Ratio: X/5		0..... X A 0.....X..... 2X A Extension scale	ca. 1 VA (X A) Meters having a 3 times maximum extension scale are also available	
			Direct		(10) V	10 V: mean value Rectifier type	
			PT connected Ratio: Y/110		(50), (75), (100), 150, 300, (600) V 0..... $\frac{1.5}{1.1} \times Y$ (V)	ca. 0.5 VA (150 V) ca. 0.3 VA (110 V)	

NOTE Frequency meters, single-phase AC wattmeters, three-phase wattmeters, three-phase reactive wattmeters, three-phase four-wired wattmeters, three-phase four-wired reactive wattmeters, three-phase power factor meters, three-phase four-wired power factor meters and synchronizers are also available in addition to the meters given above. Only voltmeters and ammeters employ taut-band suspension.