

## Yokogawa Edgewise Panel Meters

- DC & AC Meters
- Four Display Sizes: 1½", 2", 2½" and 3½"
- Horizontal or Vertical Orientation
- Meets ANSI C-39.1
- Shielded, Dust Tight Case (Model 185)
- Stackable Mounting



▲ **185 - 3 Stack Mounted**



▲ **280 Series - 3 Sizes**

### ORDERING INFORMATION

Use Ordering Code Guide to complete Part #. Insert Model Code in box [1] and Orientation in box [2].

#### DC Ammeters - Zero Left, self-contained

50 µA	[1] 11 [2] CYCY
100 µA	[1] 11 [2] DRDR
200 µA	[1] 11 [2] EAEA
500 µA	[1] 11 [2] EMEM
1 mA	[1] 11 [2] FAFA
5 mA	[1] 11 [2] FXFX
10 mA	[1] 11 [2] GZGZ
20 mA	[1] 11 [2] HFHF
25 mA	[1] 11 [2] HJHJ
50 mA	[1] 11 [2] HYHY
100 mA	[1] 11 [2] JRJR
250 mA	[1] 11 [2] KDKD
300 mA	[1] 11 [2] KGKG
500 mA	[1] 11 [2] KMKM
1 Amp	[1] 11 [2] LALA
1.5 Amp	[1] 11 [2] LCLC
2 Amp	[1] 11 [2] LELE
3 Amp	[1] 11 [2] LJLJ
5 Amp	[1] 11 [2] LSL S
10 Amp	[1] 11 [2] MTMT **

#### DC Ammeters - Zero Center, self-contained

50-0-50 µA	[1] 11 [2] CYCY
100-0-100 µA	[1] 11 [2] DRDR
500-0-500 µA	[1] 11 [2] EMEM
1-0-1 mA	[1] 11 [2] FAFA
5-0-5 mA	[1] 11 [2] FXFX
50-0-50 mA	[1] 11 [2] HYHY
5-0-5 Amp	[1] 11 [2] LSL S

#### DC Ammeters - Zero Left, 50mV Shunt Rated (Lead Resistance: 0.05-0.07Ω)

Scale:	
1 Amp	[1] 12 [2] ECLA
5 Amp	[1] 12 [2] ECLS
10 Amp	[1] 12 [2] ECMT
20 Amp	[1] 12 [2] ECNG
50 Amp	[1] 12 [2] ECNT
300 Amp	[1] 12 [2] ECRX
500 Amp	[1] 12 [2] ECSF

#### DC Ammeters - Zero Left, 100mV Shunt Rated (Lead Resistance: 0.05-0.07Ω)

Scale:	
1 Amp	[1] 12 [2] GBLA
5 Amp	[1] 12 [2] GBLS
10 Amp	[1] 12 [2] GBMT
20 Amp	[1] 12 [2] GMNG
50 Amp	[1] 12 [2] GBNT
300 Amp	[1] 12 [2] GBRX
500 Amp	[1] 12 [2] GBSF

### SPECIFICATIONS

Model	185	286	287	288
Nominal Size	2"	1½"	2½"	3½"
Face Dimensions	0.92" x 2.258"	0.498" x 1.719"	0.673" x 2.645"	0.673" x 3.525"
Bezel Dimensions	1.255" x 3.025"	0.77" x 2.075"	0.99" x 3.015"	0.99" x 3.89"
Depth behind panel (incl studs)	3.3"	2.47"	3.42"	3.21"
Cutout (single)	0.94" x 2.286"	0.5" x 1.650"	0.687" x 2.580"	0.687" x 3.460"
Scale Length	1.78"	1.25"	1.93"	2.70"
Dielectric Rating RMS	1800V	1500V	1500V	2600V
Overshoot (max)	40%	25%	40%	40%
Accuracy	2% DC, 3% AC @ 60Hz sine			
Response Time	2 sec for DC & 2.5 sec for AC, except 3 sec for µA			
Overload	185: Voltmeter 50% momentary, 20% sustained; Ammeter 900% momentary, 20% sustained 280 Series: DC Voltmeter 20% momentary & sustained; DC Ammeter 20% sustained			

#### DC Voltmeters - Zero Left 1000Ω/V

10 Volts	[1] 01 [2] MTMT
15 Volts	[1] 01 [2] NDND
30 Volts	[1] 01 [2] NLNL
50 Volts	[1] 01 [2] NTNT
100 Volts	[1] 01 [2] PKPK
150 Volts	[1] 01 [2] PZPZ
200 Volts	[1] 01 [2] RLRL *
300 Volts	[1] 01 [2] RXRX *

#### DC Voltmeters - Zero Left, Rated 0-1mADC

(for use with External Resistor—not included)

Scale:	
500 Volts	[1] 17 [2] FASF
600 Volts	[1] 17 [2] FASJ
750 Volts	[1] 17 [2] FASM

#### DC Voltmeters - Zero Center, self-contained

(1000Ω/V except 2000Ω/V in Model 185)

15-0-15 Volts	[1] 01 [2] NDND
30-0-30 Volts	[1] 01 [2] NLNL
50-0-50 Volts	[1] 01 [2] NTNT
150-0-150 Volts	[1] 01 [2] PZPZ *

#### AC Voltmeters - Zero Left, Rectifier Type 1000Ω/V

10 Volts	[1] 05 [2] MTMT
15 Volts	[1] 05 [2] NDND
30 Volts	[1] 05 [2] NLNL
50 Volts	[1] 05 [2] NTNT
100 Volts	[1] 05 [2] PKPK
150 Volts	[1] 05 [2] PZPZ

#### AC Ammeters - Zero Left, Rectifier Type

500 µA	[1] 15 [2] EMEM
1 mA	[1] 15 [2] FAFA
5 mA	[1] 15 [2] FXFX
10 mA	[1] 15 [2] GZGZ
20 mA	[1] 15 [2] HFHF

\* Not available in 1½"

\*\* Model 185 only

### ORDERING CODE GUIDE

[1] Insert Model Number:	
185	2" Edgewise
286	1½" Edgewise
287	2½" Edgewise
288	3½" Edgewise
[2] Insert Orientation:	
Zero Left Meters:	
1	Horizontal
3	Vertical
Zero Center Meters:	
2	Horizontal
4	Vertical

### OPTIONS

Custom Scaling
Non-standard Ranges
Pointer Color
Color Bands
External Resistor
Bezel Mounting Kit (Model 185)
Stacked Mounting

Bezel & mounting hardware included with 280 Series. Order separately for Model 185.