

Yokogawa ToughMeter Analog Panel Meters

NEW

Designed to Operate in Harsh Environments

- Metal Case and Polycarbonate Window
- Gasket Sealed Bezel
- Dust & Moisture Protection on Terminals & Zero Adjust
- IP66 Environmental Rating
- Made in the USA



▲ 270

SPECIFICATIONS		
Case Size	2 1/2"	3 1/2"
Size (dia x depth)	2.70" x 1.88"	3.50" x 1.88"
Cutout (dia)	2.23"	2.55"
Mounting studs	4-40 on 2.44" BCD x3	4-40 on 3.16" BCD x3
Terminals	1/4 - 28	1/4 - 28
Accuracy	±2% DC, ±3% AC	
Repeatability	±2%	
Overload	120% continuous	
Overshoot	10% max	
Response Time	2 sec max	
Vibration Sine	3G 10-80 Hz	
Vibration Random	3G (P&J), 5G (TB) 10-1000 Hz	
Shock	50G	
Operating Temperature	-45 to +70°C	

Vibration, temperature and environmental specifications exceed ANSI C39.1

ORDERING INFORMATION

Use Ordering Code Guide to complete Part #. Insert Model Code in box [1] and Case Sizes in box [2].
Order Example: 270220LSLS is taut band, 2 1/2" meter, 5VDC

DC Ammeters - Zero Left

20 µA	[1] [2]	00CFCF
50 µA	[1] [2]	00CYCY
100 µA	[1] [2]	00DRDR
1 mA	[1] [2]	00FAFA

DC Ammeters - Zero Left, 50 mV Shunt Rated (Lead Res .05-.07Ω)

20 A	[1] [2]	24ECNG
30 A	[1] [2]	24ECNL
50 A	[1] [2]	24ECNT
75 A	[1] [2]	24ECPB
100 A	[1] [2]	24ECPK
150 A	[1] [2]	24ECPZ
200 A	[1] [2]	24ECRL
250 A	[1] [2]	24ECRS
300 A	[1] [2]	24ECRX
400 A	[1] [2]	24ECSC
500 A	[1] [2]	24ECSF
600 A	[1] [2]	24ECSJ
800 A	[1] [2]	24ECSN
1.0 kA	[1] [2]	24ECVA
1.5 kA	[1] [2]	24ECVC
2.0 kA	[1] [2]	24ECVE

DC Voltmeters - Zero Left

5 V	[1] [2]	20LSLS
10 V	[1] [2]	20MTMT
15 V	[1] [2]	20NDND
30 V	[1] [2]	20NLNL
50 V	[1] [2]	20NTNT
80 V	[1] [2]	20PDPD
100 V	[1] [2]	20PKPK
150 V	[1] [2]	20PZPZ
200 V	[1] [2]	20RLRL
300 V	[1] [2]	20RXRX
500 V	[1] [2]	20SF SF
600 V	[1] [2]	20SJSJ

AC Ammeters - Rectifier type

1 mA	[1] [2]	10FAFA
500 mA	[1] [2]	00KM KM

AC Voltmeters - Rectifier type

150V	[1] [2]	30PZPZ
300V	[1] [2]	30RXRX
500V	[1] [2]	30SF SF
600V	[1] [2]	30SJSJ

Frequency

45-55 Hz, 120 VAC	[1] [2]	50AGAG
45-55 Hz, 208 VAC	[1] [2]	50GGGG
45-55 Hz, 240 VAC	[1] [2]	50DGDG
45-65 Hz, 120 VAC	[1] [2]	50AJAJ
45-65 Hz, 208 VAC	[1] [2]	50GJGJ
45-65 Hz, 240 VAC	[1] [2]	50DJDJ
55-65 Hz, 120 VAC	[1] [2]	50ANAN
55-65 Hz, 208 VAC	[1] [2]	50NGNG
55-65 Hz, 240 VAC	[1] [2]	50NDND
380-420 Hz, 120 VAC	[1] [2]	50BK BK
380-420 Hz, 208 VAC	[1] [2]	50HK HK
380-420 Hz, 240 VAC	[1] [2]	50EK EK

ORDERING CODE GUIDE

[1] Insert Model Number	
270	Taut Band
271	Pivot & Jewel
[2] Insert Case Size	
2	2 1/2 inches
3	3 1/2 inches

OPTIONS

UL & CUL Ratings
Custom Scaling
Non-standard Ranges
Color Bands