Selection guide		MF09	MF28	MF25	MF42	MF48
General						
Use on LV and HV systems		■	■	■	■	■
Accuracy of the meter		□	□	□	□	□
Number of samples per cycle		50 at 50 Hz	50 at 50 Hz	50 at 50 Hz	50 at 50 Hz	50 at 50 Hz
Instantaneous rms values						
Current,	Total, Per phase & Neutral	■	■	—	■	■
Voltage,	Average, Phase to Neutral & Phase to Phase	—	■	—	■	■
Frequency,		—	■	—	■	■
Active power (W)	Total & per phase	■	■	■	■	■
Reactive power (VAr)	Total & per phase	—	—	■	■	■
Apparent power (VA)	Total & per phase	—	—	■	■	■
Power factor,	Average & per phase	—	■	■	■	■
Unbalance,	Current, voltage	■	■	■	■	■
Phase angle,	Between V & I, Ph1, Ph2, Ph3	—	—	■	■	■
RPM,	For generator only, speed calculated on generator voltage output and number of machine poles.	—	—	—	■	—
Energy values						
Active (Wh)		■	—	■	■	■
Reactive VARh)		—	—	■	■	■
Apparent energy (VAh)		—	—	■	■	■
Export / Import		—	—	—	—	■
Power quality measurements						
Total harmonic distortion %	Current, voltage, per phase	—	■	■	■	■
Other measurements						
Run hours	Operating time for load in hours	—	■	■	■	—
ON hours	Operating time for meter in hours	—	—	—	■	—
INTR	Number of interrupts	—	—	—	■	—
Display						
LED display		■	■	■	■	■
Communication						
RS-485 port		—	□	□	□	□
Modbus protocol		—	□	□	□	□
Caliberation						
LED Pulse Output		■	■	■	■	■

■ By Default □ Optional Features — Not Available

Ordering Selection

	MF09	MF28	MF25	MF42	MF48
Class 1.0 without RS 485	—	MF2810	—	MF4210	MF4810
Class 1.0 with RS 485	MFR0910	MFR2810	MFR2510	MFR4210	MFR4810
Class0.5 without RS 485	—	MF2805	—	MF4205	MF4805
Class0.5 with RS 485	MFR0905	MFR2805	MFR2505	MFR4205	MFR4805