

CALIBRATED RANGES AND MILLIAMP SCALING OF CDI REV. 2.0 FLOWMETERS
scfm scaling (standard), 20 deg C basis

STEEL SIZES, Sch 40 Steel		
Pipe Size	calibrated range (scfm)	mA full scale (scfm)
1/2	1 - 90	100
3/4	1 - 120	150
1	2 - 160	200
1.25	2 - 150	200
1.5	2 - 200	300
2	4 - 400	600
2.5	5 - 500	800
3	12 - 1200	1200
4	20 - 2000	2000
5	20 - 2500	3000
6	50 - 5000	5000
8	100 - 6000	6000

THIN-WALL ALUMINUM SIZES		
Pipe Size	calibrated range (scfm)	mA full scale (scfm)
25 mm	1 - 150	150
40 mm	2 - 200	300
50 mm	3 - 350	600
63 mm	5 - 500	800
76 mm	7 - 700	1000
101 mm	15 - 1500	2000

COPPER SIZES, Type L Copper		
Pipe Size	calibrated range (scfm)	mA full scale (scfm)
3/4	1 - 120	150
1	1 - 160	200
1.25	2 - 150	200
1.5	2 - 200	300
2	3 - 350	600
2.5	5 - 500	800
3	7 - 700	1000
4	15 - 1500	2000

Note:

The milliamp time of this printing. Other ranges are provided on special request. To determine the milliamp range of a particular meter, press the button inside the meter twice. Milliamp ranges will also display on startup. Meters will

CALIBRATED RANGES AND MILLIAMP SCALING OF CDI REV. 2.0 FLOWMETERS
Nm3/min scaling, 20 deg C basis

STEEL SIZES, Sch 40 Steel			
Pipe Size	calibrated range (Nm3/min)	mA full scale (Nm3/min)	mA full scale (scfm)
1/2	0.03 - 2.5	2.832	100
3/4	0.03 - 3.4	4.248	150
1	0.06 - 4.5	5.664	200
1.25	0.06 - 4.2	5.664	200
1.5	0.06 - 5.7	8.496	300
2	0.11 - 11.3	16.99	600
2.5	0.14 - 14.1	22.66	800
3	0.33 - 34	33.98	1200
4	0.57 - 56.6	56.64	2000
5	0.57 - 70.8	84.96	3000
6	1.42 - 141.6	141.60	5000
8	2.83 - 169.9	169.90	6000

THIN-WALL ALUMINUM SIZES			
Pipe Size	calibrated range (Nm3/min)	mA full scale (Nm3/min)	mA full scale (scfm)
25 mm	0.03 - 4.2	4.248	150
40 mm	0.06 - 5.7	8.496	300
50 mm	0.08 - 9.9	16.99	600
63 mm	0.14 - 14.1	22.66	800
76 mm	0.2 - 19.8	28.32	1000
101 mm	0.42 - 42.4	56.64	2000

COPPER SIZES, Type L Copper			
Pipe Size	calibrated range (Nm3/min)	mA full scale (Nm3/min)	mA full scale (scfm)
3/4	0.03 - 3.4	4.248	150
1	0.03 - 4.5	5.664	200
1.25	0.06 - 4.2	5.664	200
1.5	0.06 - 5.7	8.496	300
2	0.08 - 9.9	16.99	600
2.5	0.14 - 14.1	22.66	800
3	0.2 - 19.8	28.32	1000
4	0.42 - 42.4	56.64	2000

Note:

The time of this printing. Other ranges are provided on special request. To determine the milliamp range of a particular meter, press the button inside the meter twice. Milliamp ranges will also display on startup. Meters will

CALIBRATED RANGES AND MILLIAMP SCALING OF CDI REV. 2.0 FLOWMETERS
Nm3/min scaling, DIN 1343 basis

STEEL SIZES, Sch 40 Steel			
Pipe Size	calibrated range (Nm3/min)	mA full scale (Nm3/min)	mA full scale (scfm)
1/2	0.03 - 2.5	2.639	100
3/4	0.03 - 3.4	3.958	150
1	0.05 - 4.5	5.278	200
1.25	0.05 - 4.0	5.278	200
1.5	0.05 - 5.3	7.916	300
2	0.11 - 10.6	15.83	600
2.5	0.13 - 13.2	21.11	800
3	0.32 - 31.7	31.67	1200
4	0.5 - 52.78	52.78	2000
5	0.5 - 65	79.16	3000
6	1.3 - 131.9	131.94	5000
8	2.8 - 158.3	158.32	6000

THIN-WALL ALUMINUM SIZES			
Pipe Size	calibrated range (Nm3/min)	mA full scale (Nm3/min)	mA full scale (scfm)
25 mm	0.03 - 4	3.958	150
40 mm	0.05 - 5.3	7.916	300
50 mm	0.08 - 9.2	15.83	600
63 mm	0.13 - 13.2	21.11	800
76 mm	0.2 - 18.4	28.32	1000
101 mm	0.4 - 39.6	52.78	2000

COPPER SIZES, Type L Copper			
Pipe Size	calibrated range (Nm3/min)	mA full scale (Nm3/min)	mA full scale (scfm)
3/4	0.03 - 3.4	3.958	150
1	0.03 - 4.5	5.278	200
1.25	0.05 - 4.0	5.278	200
1.5	0.05 - 5.3	7.916	300
2	0.08 - 9.2	15.83	600
2.5	0.13 - 13.2	21.11	800
3	0.2 - 18.4	26.39	1000
4	0.4 - 39.6	52.78	2000

Note:

The

time of this printing. Other ranges are provided on special request. To determine the milliamp range of a particular meter, press the button inside the meter twice.

Milliamp ranges will also display on startup.

Meters will

August 20, 2013

CDI Meters, Inc.

CALIBRATED RANGES AND MILLIAMP SCALING OF CDI REV. 2.0 FLOWMETERS
Nm3/hr scaling, 20 deg C basis

STEEL SIZES, Sch 40 Steel			
Pipe Size	calibrated range (Nm3/hr)	mA full scale (Nm3/hr)	mA full scale (scfm)
1/2	1.7 - 152.9	170	100
3/4	1.7 - 203.9	255	150
1	3.4 - 271.8	340	200
1.25	3.4 - 254.9	340	200
1.5	3.4 - 339.8	510	300
2	6.8 - 679.7	1020	600
2.5	8.5 - 849.5	1359	800
3	20.4 - 2039	2039	1200
4	34 - 2548	3398	2000
5	33.4 - 4248	5098	3000
6	85 - 8496	8496	5000
8	169.9 - 10195	10195	6000

THIN-WALL ALUMINUM SIZES			
Pipe Size	calibrated range (Nm3/hr)	mA full scale (Nm3/hr)	mA full scale (scfm)
25 mm	1.7 - 255	255	150
40 mm	3.4 - 339.8	510	300
50 mm	5.1 - 594.7	1020	800
63 mm	8.5 - 849.5	1359	800
76 mm	11.9 - 1189	1699	1000
101 mm	25.5 - 2549	3398	2000

COPPER SIZES, Type L Copper			
Pipe Size	calibrated range (Nm3/hr)	mA full scale (Nm3/hr)	mA full scale (scfm)
3/4	1.7 - 203.9	254.88	150
1	1.7 - 271.8	339.8	200
1.25	3.4 - 271.8	339.8	200
1.5	3.4 - 339.8	509.8	300
2	5.1 - 594.7	1020	600
2.5	8.5 - 849.5	1359	800
3	11.9 - 1189	1699	1000
4	25.5 - 2549	3398	2000

Note:

The

time of this printing. Other ranges are provided on special request. To determine the milliamp range of a particular meter, press the button inside the meter twice.

Milliamp ranges will also display on startup.

Meters will

August 20, 2013

CDI Meters, Inc.

CALIBRATED RANGES AND MILLIAMP SCALING OF CDI REV. 2.0 FLOWMETERS
Nm3/hr scaling, DIN 1343 basis

STEEL SIZES, Sch 40 Steel			
Pipe Size	calibrated range (Nm3/hr)	mA full scale (Nm3/hr)	mA full scale (scfm)
1/2	1.6 - 143	158.3	100
3/4	1.6 - 190	237.5	150
1	3.2 - 253	317	200
1.25	3.2 - 237	317	200
1.5	3.2 - 317	475	300
2	6.3 - 633	950	600
2.5	7.9 - 791	1267	800
3	19 - 1900	1900	1200
4	31.7 - 3167	3167	2000
5	31.7 - 3958	4750	3000
6	79.2 - 7916	7916	5000
8	158.3 - 9499	9499	6000

THIN-WALL ALUMINUM SIZES			
Pipe Size	calibrated range (Nm3/hr)	mA full scale (Nm3/hr)	mA full scale (scfm)
25 mm	1.6 - 237	237	150
40 mm	3.2 - 317	475	300
50 mm	4.8 - 554	950	600
63 mm	7.9 - 791	1267	800
76 mm	11 - 1108	1583	1000
101 mm	23.8 - 2375	3167	2000

COPPER SIZES, Type L Copper			
Pipe Size	calibrated range (Nm3/hr)	mA full scale (Nm3/hr)	mA full scale (scfm)
3/4	1.6 - 190	237	150
1	1.6 - 253	317	200
1.25	3.2 - 237.5	317	200
1.5	3.2 - 316.7	475	300
2	4.8 - 554	950	600
2.5	7.9 - 791	1267	800
3	11 - 1108	1583	1000
4	23.8 - 2375	3167	2000

Note:

The

time of this printing. Other ranges are provided on special request. To determine the milliamp range of a particular meter, press the button inside the meter twice.

Milliamp ranges will also display on startup.

Meters will

August 20, 2013

CDI Meters, Inc.