

**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                         | 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                 |
| 5                         | 20 - 2500               | 3000                 |
| 6                         | 30 - 3000               | 4000                 |

| THIN-WALL ALUMINUM SIZES |                         |                      |
|--------------------------|-------------------------|----------------------|
| Pipe Size                | calibrated range (scfm) | mA full scale (scfm) |
|                          |                         |                      |
| 25 mm                    | 1 - 160                 | 200                  |
| 40 mm                    | 2 - 200                 | 300                  |
| 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 ranges shown are those programmed into standard production meters at 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 function, at reduced accuracy, outside of their calibrated ranges.

September 15, 2010  
 CDI Meters, Inc.

**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                         | 0.03 - 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                 |
| 5                         | 0.6 - 70.8                 | 84.96                   | 3000                 |
| 6                         | 0.8 - 85                   | 113.28                  | 4000                 |

| THIN-WALL ALUMINUM SIZES |                            |                         |                      |
|--------------------------|----------------------------|-------------------------|----------------------|
| Pipe Size                | calibrated range (Nm3/min) | mA full scale (Nm3/min) | mA full scale (scfm) |
|                          |                            |                         |                      |
| 25 mm                    | 0.03 - 4.5                 | 5.664                   | 200                  |
| 40 mm                    | 0.06 - 5.7                 | 8.496                   | 300                  |
| 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 milliamp ranges shown are those programmed into standard production meters at 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 function, at reduced accuracy, outside of their calibrated ranges.

**CALIBRATED RANGES AND MILLIAMP SCALING OF CDI REV. 2.0 FLOWMETERS**  
**Nm<sup>3</sup>/min scaling, DIN 1343 basis**

| STEEL SIZES, Sch 40 Steel |   |                                      |                      |
|---------------------------|---|--------------------------------------|----------------------|
| Pipe Size                 | calibrated range (Nm <sup>3</sup> /min) | mA full scale (Nm <sup>3</sup> /min) | mA full scale (scfm) |
| 1/2                       | 0.03 - 2.5                              | 2.639                                | 100                  |
| 3/4                       | 0.03 - 3.4                              | 3.958                                | 150                  |
| 1                         | 0.03 - 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                 |
| 5                         | 0.5 - 65                                | 79.16                                | 3000                 |
| 6                         | 0.8 - 79.2                              | 105.55                               | 4000                 |

| THIN-WALL ALUMINUM SIZES |   |                                      |                      |
|--------------------------|---|--------------------------------------|----------------------|
| Pipe Size                | calibrated range (Nm <sup>3</sup> /min) | mA full scale (Nm <sup>3</sup> /min) | mA full scale (scfm) |
|                          |   |                                      |                      |
| 25 mm                    | 0.03 - 4.5                              | 5.278                                | 200                  |
| 40 mm                    | 0.05 - 5.3                              | 7.916                                | 300                  |
| 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 (Nm <sup>3</sup> /min) | mA full scale (Nm <sup>3</sup> /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 milliamp ranges shown are those programmed into standard production meters at 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 function, at reduced accuracy, outside of their calibrated ranges.

**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                         | 1.7 - 271.8               | 340                    | 200                  |
| 1.25                      | 3.4 - 254.9               | 340                    | 200                  |
| 1.5                       | 3.4 - 339.8               | 510                    | 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                 |
| 5                         | 33.4 - 4248               | 5098                   | 3000                 |
| 6                         | 50 - 5098                 | 6797                   | 4000                 |

| THIN-WALL ALUMINUM SIZES |                           |                        |                      |
|--------------------------|---------------------------|------------------------|----------------------|
| Pipe Size                | calibrated range (Nm3/hr) | mA full scale (Nm3/hr) | mA full scale (scfm) |
|                          |                           |                        |                      |
| 25 mm                    | 1.7 - 271.8               | 340                    | 200                  |
| 40 mm                    | 3.4 - 339.8               | 510                    | 300                  |
| 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:**

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**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 - 142.5               | 158.3                  | 100                  |
| 3/4                       | 1.6 - 190                 | 237.5                  | 150                  |
| 1                         | 1.6 - 253                 | 317                    | 200                  |
| 1.25                      | 3.2 - 238                 | 317                    | 200                  |
| 1.5                       | 3.2 - 317                 | 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                 |
| 5                         | 31.7 - 3958               | 4750                   | 3000                 |
| 6                         | 47.5 - 4750               | 6333                   | 4000                 |

| THIN-WALL ALUMINUM SIZES |                           |                        |                      |
|--------------------------|---------------------------|------------------------|----------------------|
| Pipe Size                | calibrated range (Nm3/hr) | mA full scale (Nm3/hr) | mA full scale (scfm) |
|                          |                           |                        |                      |
| 25 mm                    | 1.6 - 253                 | 317                    | 200                  |
| 40 mm                    | 3.2 - 317                 | 475                    | 300                  |
| 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:

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