



DIMENSIONS

| RATED CAPACITY   | C    | C1   | C2    | C3   | C4   | H    | H1   | H2   | L    | L1   | L2   | W    | W1   | T        | T1         | T2       |
|------------------|------|------|-------|------|------|------|------|------|------|------|------|------|------|----------|------------|----------|
| in-oz/inches     |      |      |       |      |      |      |      |      |      |      |      |      |      |          |            |          |
| 20in-oz~100in-lb | 1.20 | 0.90 | 0.125 | 0.62 | 0.66 | 0.25 | 0.25 | 0.03 | 2.00 | 1.64 | 0.12 | 1.14 | 0.20 | #6-32UNC | 1/2-20 UNF | #6-32UNC |
| Nm/mm            |      |      |       |      |      |      |      |      |      |      |      |      |      |          |            |          |
| 0.14~11.3        | 30.5 | 22.9 | 3.2   | 15.8 | 16.8 | 6.4  | 6.4  | 0.8  | 50.8 | 41.7 | 3.0  | 29.0 | 5.1  | M3       | M12        | M3       |

| SPECIFICATIONS    |                        |                           |                               |
|-------------------|------------------------|---------------------------|-------------------------------|
| Full Scale Output | 2.0 mV/V $\pm$ 20%     | Element Material          | Aluminum                      |
| Zero Balance      | $\pm$ 0.04 mV/V        | Recommended Excitation    | 10V (15V Maximum)             |
| Non-linearity     | $< \pm$ 0.2%           | Insulation Resistance     | $> 2$ [ 50V DC ] G $\Omega$   |
| Repeatability     | $< \pm$ 0.05%          | Nominal Temperature Range | -10°C to 40°C / 14°F to 104°F |
| Hysteresis Error  | $< \pm$ 0.2%           | Safe Overload             | 150% of full scale            |
| Creep in 30 min.  | $< \pm$ 0.2%           | Breaking Overload         | 300% of full scale            |
| Input Resistance  | 1000 $\Omega$ $\pm$ 50 | Seal Type / IP Rating     | Environmentally Sealed / IP65 |
| Output Resistance | 1000 $\Omega$ $\pm$ 5  | Cable                     | No Cable                      |

| PART NUMBER*   |                     |                        |
|----------------|---------------------|------------------------|
| Rated Capacity | Part No.            | Weight<br>Approx. (kg) |
| 20in-oz.....   | 112BA-20in-oz.....  | 0.07                   |
| 50in-oz.....   | 112BA-50in-oz.....  | 0.07                   |
| 12in-lb.....   | 112BA-12in-lb.....  | 0.07                   |
| 50in-lb.....   | 112BA-50in-lb.....  | 0.07                   |
| 100in-lb.....  | 112BA-100in-lb..... | 0.07                   |
| 0.14Nm.....    | 112BA-0.14Nm.....   | 0.07                   |
| 0.35Nm.....    | 112BA-0.35Nm.....   | 0.07                   |
| 1.5Nm.....     | 112BA-1.5Nm.....    | 0.07                   |
| 5.6Nm.....     | 112BA-5.6Nm.....    | 0.07                   |
| 11.3Nm.....    | 112BA-11.3Nm.....   | 0.07                   |

\* ATEX, FM, IECEx approved versions carry the “-Ex” suffix.

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