



Standard Features

Hermetically sealed with an IP68/IP69K rating, this stainless steel, single-ended beam load cell is NTEP Certified for capacities from 5 to 500 kilograms. It comes with 3 meters of cable.

Approvals



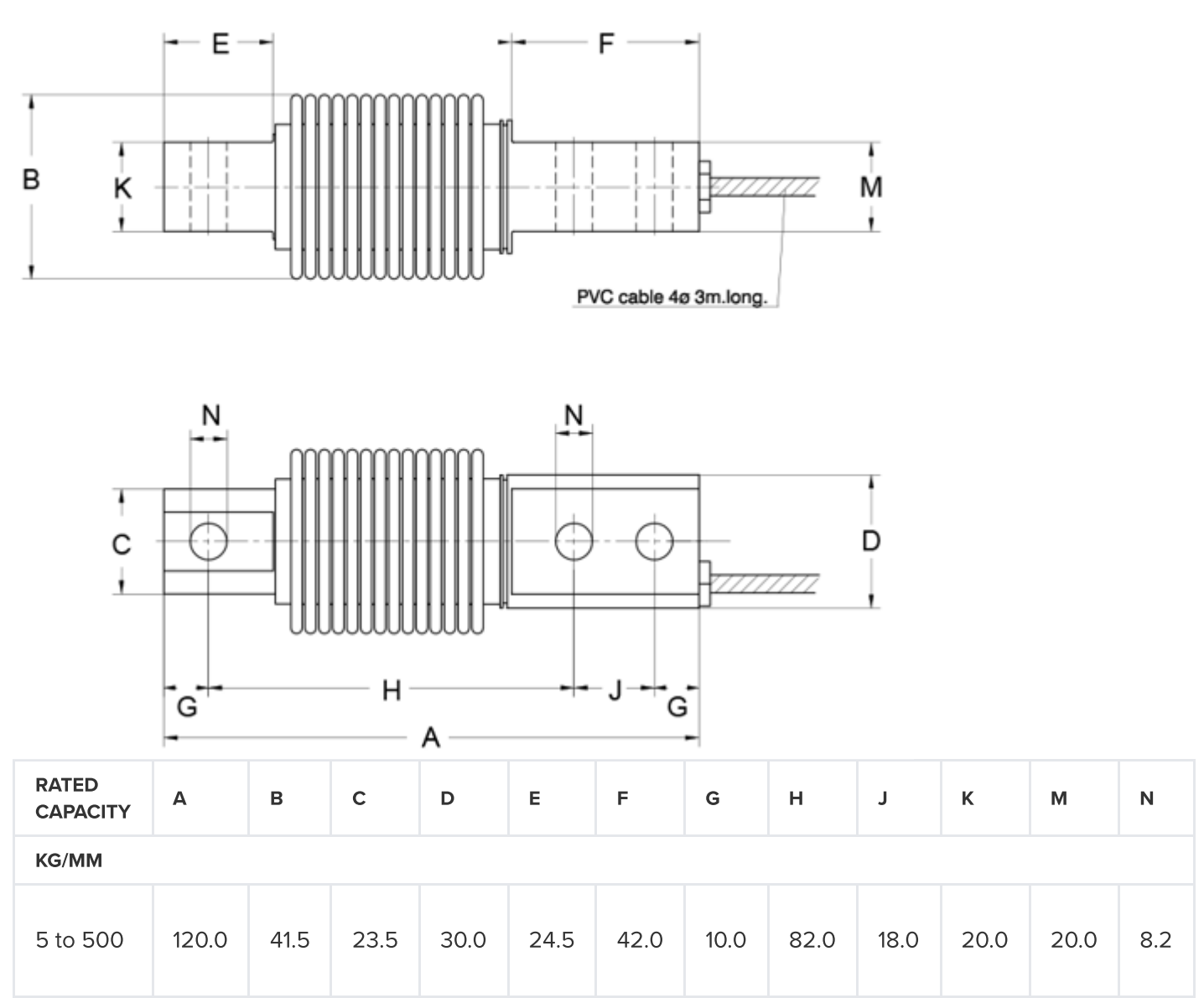
 WARNING: Cancer and Reproductive Harm California Proposition 65

RL9018SS Load Cell Specifications

|                                                                                                      |                                                                                                               |                                                                                                    |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <p><b>Full Scale Output:</b><br/>2.0 mV/V ±10%</p> <p><b>Output Resistance:</b><br/>350 (±3) ohm</p> | <p><b>Seal Type:</b><br/>Hermetically sealed, IP68/IP69K</p> <p><b>Safe Overload:</b><br/>150% full scale</p> | <p><b>Cable Length:</b><br/>3 m PVC cable</p> <p><b>Cable Color Code:</b><br/>Blue +Excitation</p> |
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| <b>Input Resistance:</b><br>400 (±20) ohm<br><b>Material/Finish:</b><br>Stainless steel<br><b>Temperature:</b><br>Compensated:<br>14 to 104 °F (-10 to 40 °C)<br>Operating:<br>0 to 150 °F (-18 to 65 °C) | <b>Rated Excitation:</b><br>5 to 10 VDC (15 V maximum)<br><b>Combined Error:</b><br>0.017% full scale<br><b>Insulation Resistance:</b><br>>5,000 megohm<br><b>Deflection at Capacity:</b><br>0.2 to 0.4 mm | Black -Excitation<br>White +Signal<br>Red -Signal<br>Green +Sense<br>Yellow -Sense<br><b>Warranty:</b><br>Two-year limited<br><b>Approvals:</b><br>NTEP 18-107<br>OIML R60/2017-A-NL1-19.27<br>cFMus FM18US0307X |
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**RL9018SS Load Cell Dimensions**



| PART # | DESCRIPTION                                                  | LIST PRICE           |
|--------|--------------------------------------------------------------|----------------------|
| 188691 | 5kg 10ft 2mv/v 350 Ohm SST FM IP68/IP69K                     | List Price: \$525.00 |
| 188692 | 10kg 10ft 2mv/v 350 Ohm NTEP III 4S/5M C3 SST FM IP68/IP69K  | List Price: \$525.00 |
| 188693 | 20kg 10ft 2mv/v 350 Ohm NTEP III 4S/5M C3 SST FM IP68/IP69K  | List Price: \$525.00 |
| 188694 | 30kg 10ft 2mv/v 350 Ohm NTEP III 4S/5M C3 SST FM IP68/IP69K  | List Price: \$525.00 |
| 188702 | 50kg 10ft 2mv/v 350 Ohm NTEP III 4S/5M C3 SST FM IP68/69k    | List Price: \$525.00 |
| 188695 | 75kg 10ft 2mv/v 350 Ohm NTEP III 4S/5M C3 SST FM IP68/IP69K  | List Price: \$525.00 |
| 188696 | 100kg 10ft 2mv/v 350 Ohm NTEP III 4S/5M C3 SST FM IP68/IP69K | List Price: \$525.00 |
| 188697 | 200kg 10ft 2mv/v 350 Ohm NTEP III 4S/5M C3 SST FM IP68/IP69K | List Price: \$525.00 |
| 188698 | 250kg 10ft 2mv/v 350 Ohm NTEP III 4S/5M C3 SST FM IP68/IP69K | List Price: \$525.00 |
| 188699 | 300kg 10ft 2mv/v 350 Ohm NTEP III 4S/5M C3 SST FM IP68/IP69K | List Price: \$525.00 |
| 188700 | 500kg 10ft 2mv/v 350 Ohm NTEP III 4S/5M C3 SST FM IP68/IP69K | List Price: \$525.00 |

**www.ricelake.com | 800-472-6703**

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