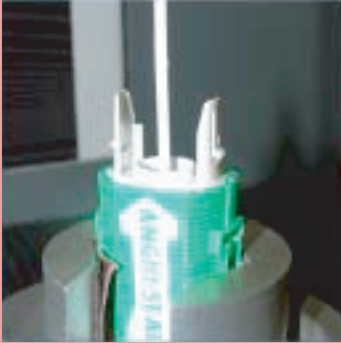


Typical Applications

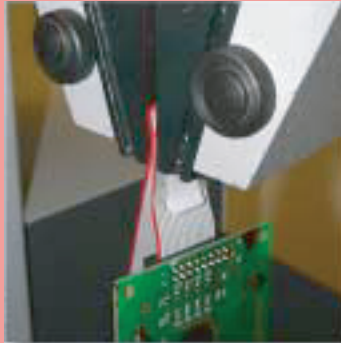
Medical Devices



Pharmaceuticals



Springs & Components



General Purpose Force



865.00

Loadcell Only

1,495.00

DFS-R-ND



SLC Series

Loadcells for DFS-R-ND Series

These loadcells are full-bridge strain gauge sensors complete with 15-pin plug and are used exclusively with the DFS-R-ND Series digital indicator. The loadcell values and sensitivity factors are stored in memory within the sensor plug. When connected to a DFS-R-ND indicator, the capacity and calibration points are automatically recognized by the instrument. The instrument then becomes a full-featured load measurement instrument. The SLC Series loadcells meet ASTM E4 and BS EN ISO 7500 part 1 for a +0.25% accuracy sensor. The loadcells are connected to the DFS-R-ND with a retractable cord that extends fully to nearly 9 ft. (3 m).

Accuracy

±0.25% Full Scale

Specifications

Input Resistance:	1100 ohms +100
Output Resistance:	1000 ohms +100
Rated Output:	2.0 mV/V
Safe Overload:	150% Full Scale
Non-Linearity:	+0.051% Full Scale
Hysteresis:	+0.05% Full Scale
Zero Balance:	+1.0% Full Scale
Operating Temp:	30° to 120°F (-40° to 82°C)

Ordering Information

Model	Capacity x Resolution
SLC-2506	9 x 0.002 ozf / 0.55 x 0.0001 lbf / 2.5 x 0.0005 N
SLC-0002	35 x 0.01 ozf / 2.2 x 0.0005 lbf / 10 x 0.002 N
SLC-0010	180 x 0.05 ozf / 11 x 0.002 lbf / 50 x 0.01 N
SLC-0025	350 x 0.1 ozf / 22 x 0.005 lbf / 100 x 0.02 N
SLC-0050	900 x 0.2 ozf / 55 x 0.01 lbf / 250 x 0.05 N
SLC-0100	1800 x 0.5 ozf / 110 x 0.02 lbf / 500 x 0.1 N
SLC-0200	3500 x 1 ozf / 220 x 0.05 lbf / 1000 x 0.2 N
SLC-0500	----- / 560 x 0.1 lbf / 2500 x 0.5 N
SLC-1000	----- / 1100 x 0.2 lbf / 5000 x 1N

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1,895.00

Torque Sensor Only

1,495.00

DFS-R-ND



STS Series

Torque Sensors for DFS-R-ND Series

These torque sensors are full-bridge strain gauge sensors complete with 15-pin plug and are used exclusively with the DFS-R-ND Series digital indicator. The sensor's torque values and sensitivity factors are stored in memory within the sensor plug. When connected to a DFS-R-ND indicator, the capacity and calibration points are automatically recognized by the instrument. The instrument then becomes a full-featured torque measurement instrument. The STS Series torque sensor meets ASTM E4 and BS EN ISO 7500 part 1 for a +0.25% accuracy sensor. The sensors are connected to the DFS-R-ND with a retractable cord that extends fully to nearly 9 ft. (3 m).

Accuracy

±0.25% Full Scale

Specifications

Input Resistance:	1100 ohms +100
Output Resistance:	1000 ohms +100
Rated Output:	2.0 mV/V
Safe Overload:	150% Full Scale
Non-Linearity:	+0.1% Full Scale
Hysteresis:	+0.1% Full Scale
Zero Balance:	+1.0% Full Scale
Operating Temp:	30° to 120°F (-40° to 82°C)

Ordering Information

Model	Capacity x Resolution
STS-0003	50 x 0.01 in-oz / 3 x 0.0005 in-lb / 0.35 x 0.0005 N-m
STS-0012	192 x 0.05 in-oz / 12 x 0.002 in-lb / 1.36 x 0.0003 N-m
STS-0050	800 x 0.2 in-oz / 50 x 0.01 in-lb / 5.7 x 0.001 N-m
STS-0100	1600 x 0.3 in-oz / 100 x 0.02 in-lb / 11.3 x 0.002 N-m
STS-0200	3200 x 0.6 in-oz / 200 x 0.04 in-lb / 22.6 x 0.005 N-m