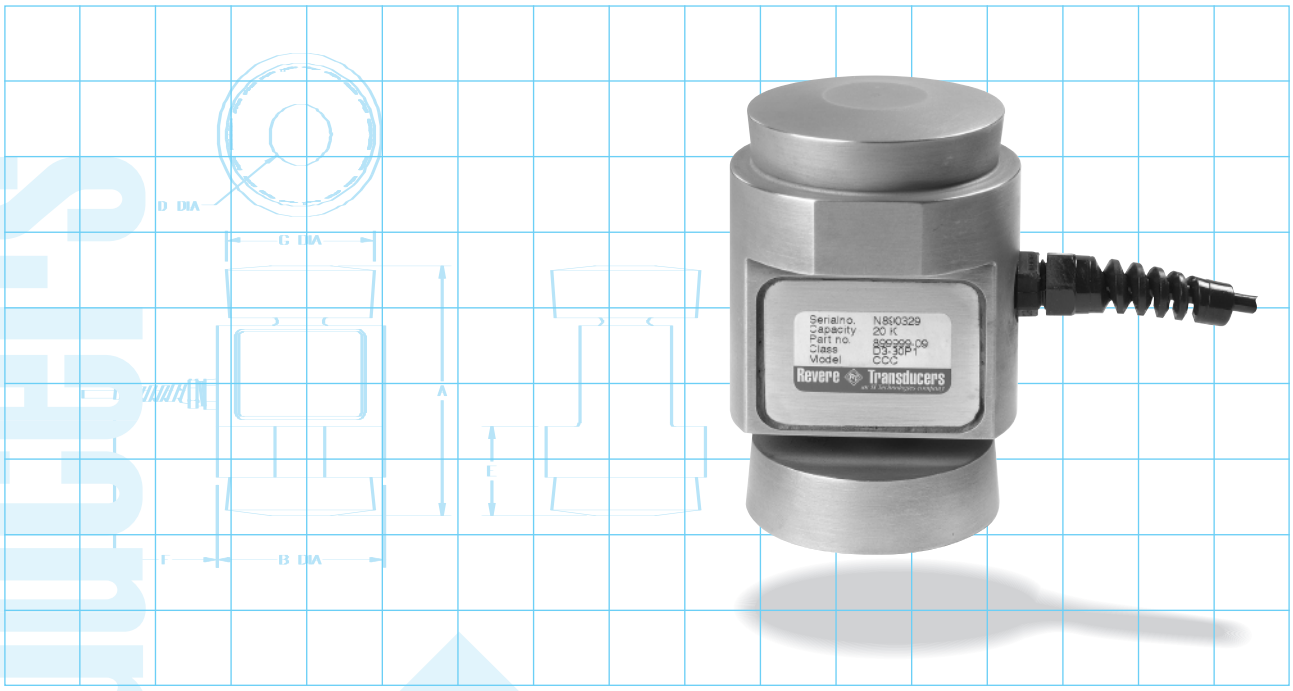
CCC COMPRESSION LOAD CELL



FEATURES:

- Capacities: 10 to 50 K lbs
- Environmental protection: IP68 (DIN 40.050)
- Material: Stainless Steel

APPLICATIONS:

- On-board Weighing
- Platform Scales

DESCRIPTION:

The CCC canister is a low profile design specifically for low capacity small platforms and applications where space is limited or special mounting required.

Hermetic sealing offers excellent protection from moisture and provides long-term stability and reliability.

APPROVALS:

Revere Transducers
an SI Technologies company

CCC: SPECIFICATIONS

Parameter	Symbol	Unit of Measure	Specification
			Imperial
Capacities	E_{max}	lb	10K, 20K, 30K, 50K
Accuracy Class			D3
Accuracy Class According to			Non-NTEP
Potentially Explosive Atmospheres options			Not Available
Maximum number of Verification Intervals	n_{lc}		
Minimum Verification Interval	v_{min}		
Combined Error[1]		±%S	0.03
Creep error (20 minutes)		±%S	0.03
Temperature Effect on Zero	TC_O	±%FS/5°C (/°F)	0.0135 (0.0015)
Temperature Effect on Output	TC_S	±%S/5°C (/°F)	0.0072 (0.0008)
Rated Output	FS	mV/V	3 ± 0.003
Compensated Temperature Range	T_{cps}	°C (°F)	-10 to +40 (+14 to +104)
Operating Temperature Range	T_{opr}	°C (°F)	-53 to +93 (-65 to +200)
Environmental Protection			IP68
Cable Length		m (ft)	9.1 (30)
Cable Type			4 Wire shielded, Shield is not connected to load cell body
Zero Balance		±%FS	1.0
Safe Load Limit	E_{lim}	$\%E_{max}$	150
Ultimate Load	E_{ult}	$\%E_{max}$	3200
Safe Side Load Limit		$\%E_{max}$	10
Excitation Voltage		Volts AC or DC	10 Recommended, 15 Maximum
Input Resistance		Ohms	700.0 ± 7
Output Resistance		Ohms	700.0 ± 7
Insulation Resistance at 50 VDC		Mega Ohms	>5000
Element Material		ASTM	Stainless steel

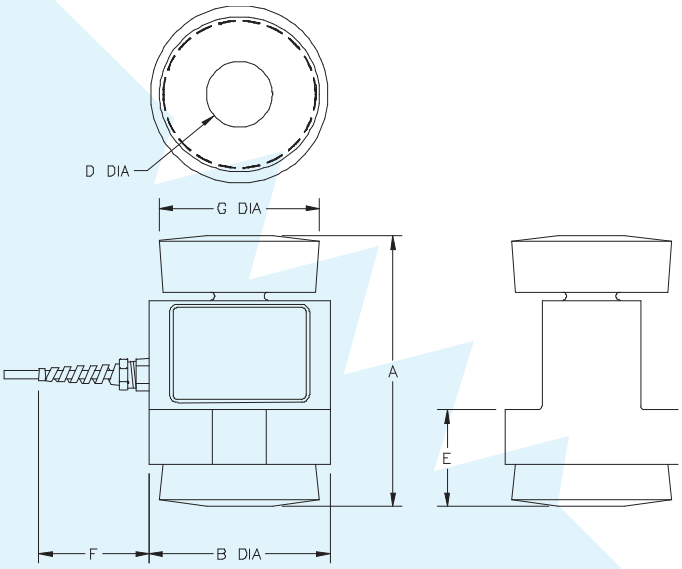
Notes:
- We continually improve our products and therefore specifications are subject to change without notice.
- The accuracy may be affected if 4-wire load cell cables are shortened.

[1] Includes the effects of Non-Linearity and Hysteresis.

Wiring color code:

Excitation +	Red
Excitation -	Black
Output +	Green
Output -	White
Shield	Transparent

	Dimensions in inches
Capacity	10K- 50K
A	4.25
ØB	2.75
D	1.00
E	1.52
F	1.50
G	2.62



Attention: All dimension tolerances according to ISO 2768m, unless otherwise specified.

Mounting:
Correct mounting of the load cells is essential to ensure optimum accuracy and performance. Further information is available on request.

Mount available for CCC.

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