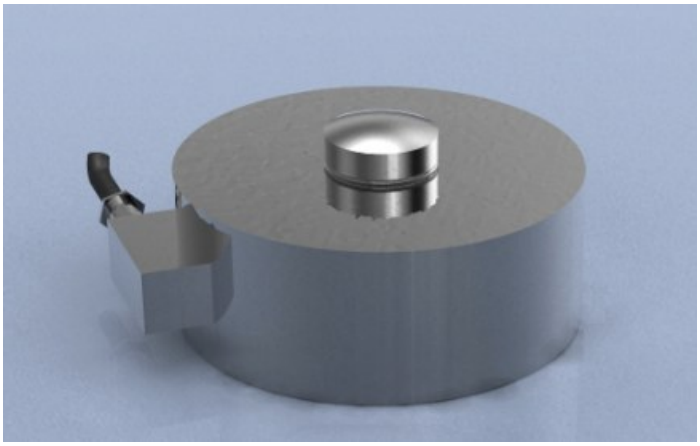
DATA SPEED S.R.L.
Str. Corneliu Coposu nr. 103, Cluj-Napoca, cod 400235, jud. Cluj
Tel: 0264 566 473, 0735 803 121
office@dataspeed.ro · www.dataspeed.ro

Celula de compresie din inox CDIT3



Celula de compresie din inox CDIT3 Producator: LCM Systems CDIT-3 Stainless Steel Low Profile High Accuracy Compression Load Cell

Descriere

- Capacităţi: Între 100 kg şi 200 t
- Stabilitate ridicată
- Construcţie monobloc din oţel inoxidabil, complet sudată
- Înălţime redusă
- Izolaţie faţă de mediu clasa IP68
- Precizie <±0.023%

Seria de celule de sarcină CDIT-3 a fost proiectată pentru o vastă gamă de măsurători de forţă şi aplicaţii de cântărire în care spaţiul este limitat. Produsele CDIT-3 sunt construite din oţel inoxidabil şi au o structură complet sudată, asigurând un nivel ridicat de protecţie la coroziune, ceea ce le face ideale pentru medii agresive, cu o protecţie clasa IP68.

Disponibile la capacităţi între 0-100kg şi 0-200t, există multe aplicaţii potrivite pentru produsele CDIT-3, inclusiv aplicaţiile de cântărire cu înălţime limitată, măsurători generale de forţă şi calibrarea preselor.

Societatea LCM Systems poate furniza dispozitivele CDIT-3 individual sau în combinaţie cu oricare dintre sistemele noastre de măsură şi control, pentru a asigura un pachet complet. Vă rugăm să consultaţi departamentul nostru tehnic pentru consultanţă în selecţia soluţiilor de măsură şi control.

Features:

- Ranges 100kg to 200te
- Stainless Steel welded construction
- Low Height
- Accuracy <±0.02%
- Environmentally Sealed to IP68

The CDIT-3 series of Load Cells have been designed for a wide range of force measurement and weighing applications where space is limited.

The CDIT-3 is constructed from stainless steel and has a fully welded construction, offering a high level of corrosion resistance for use in harsh environments, with environmental sealing to IP68.

This range of load cells is available with ranges covering 0-100kg to 0-200te.

There are many applications suited to the CDIT-3, including restricted height weighing applications, general force measurements and press calibration.

There are mounting plate, load cap and complete weighing assembly accessories available for ranges up to 30te, and load cap versions.

LCM Systems can provide the CDIT-3 on its own or combined with any of our instrumentation range, to offer a

more complete package. Please consult our technical department for any advice required on suitable instrumentation solutions.

Specification :

Rated Load (FSO)	100, 250, 500, 1000, 2500, 5000, 7500 kg 10, 20, 30, 50, 75, 100, 150, 200 te
Overload Range	150% FSO
Ultimate Breaking Load	> 300% FSO
Output	2mV/V (±0.1%)
Zero Balance	<±1% FSO
Combined Error	≤±0.02% FSO (equivalent to OIML R60, Class C3)
Non-Repeatability	≤±0.01% FSO
Creep (at nominal load)	<±0.03% FSO over 30 minutes <0±0.01% FSO over 20-30 minutes
Maximum Transverse Load	50% FSO
Excitation Voltage	10vdc recommended (18vdc maximum)
Input Resistance	700Ω ±3Ω
Output Resistance	7000Ω ±3Ω
Insulation Resistance	>5GΩ @ 50vdc
Compensated Temperature Range	-10 to +40 °C
Operating Temperature Range	-20 to +70 °C
Storage Temperature Range	-20 to +80 °C
Zero Temperature Coefficient	≤±0.0025% FSO/°C
Span Temperature Coefficient	≤±0.0017% FSO/°C
Environmental Protection Level	IP68
Electrical Connection	Glanded PVC cable - 3 metres long

Caracteristici tehnice

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