

ETI Series 4-C6 Cells Stainless Steel Platforms



Standard Features

- Fitted with 4 stainless steel shear-beam C6 load cells each with 350 Ohm input resistance. OIML R60 approved and protection against dust and immersion according to IP68 standards
- Stainless steel bearing tubular structure, with removable stainless steel plate and IP67 junction box housing
- Adjustable, stainless steel shock-proof jointed feet and integrated level
- Shielded 5m long 6-pin cable for connection to a weight indicator
- Fitted with IP68 connector
- Up to 15 VDC power supply

Electronic stainless steel weighing low profile platforms with removable loading plate fitted with IP68 stainless steel C6 approved load cells. Suitable for creating scales and electronic weighing systems for all types of industrial and commercial applications. Available in high resolution and suitable for ATEX zones.

Specifications

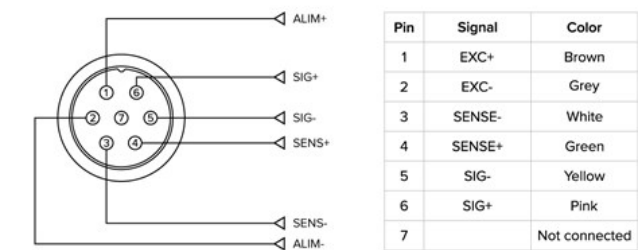
Accessories:	Options Only Available at Time of Order:	ATEX technical features:
- Indicator support stand - Frames for flush floor installation - Access ramps - Models with special sizes and capacities	- Calibration with CE-M single or double range approval - High resolution models for internal factory use - AVAILABLE ON REQUEST: reinforced version for weighing of concentrated loads (coils, forklifts etc.) Structure in AISI316 stainless steel	Each ATEX platform includes the following certified products: - Load cell: II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) Ga II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) From IP65 - Mechanical structure: II 2G Ex h IIC T6 Gb (-20°C ≤ Tamb ≤ +60°C) X II 2D Ex h IIIC T85°C Db (-20°C ≤ Tamb ≤ +60°C) X - Junction box: II 2G Ex ib IIC T6 Gb per gas II 2D Ex tb IIIC T115°C Db IP65

Available Versions

Code	l x w x h (mm)	Nr. of cells	Max (kg)	d (g)	M (g)*	M 2R (g)*	d HR (g)*
ETAI3C6	1000x1000x90	4x220kg	300	50	50	--	20
ETAI6C6	1000x1000x90	4x500kg	600	100	100	--	50
ETAI15C6	1000x1000x90	4x500kg	1200	200	200	100-200	100
ETMI3C6	1000x1250x90	4x220kg	300	50	50	--	20
ETMI6C6	1000x1250x90	4x500kg	600	100	100	--	50
ETMI15C6	1000x1250x90	4x500kg	1200	200	200	100-200	100
ETBI3C6-1	1250x1250x90	4x220kg	300	50	100	--	20
ETBI6C6-1	1250x1250x90	4x500kg	600	100	100	--	50
ETBI15C6-1	1250x1250x90	4x500kg	1200	200	200	100-200	100
ETBI30C6-1	1250x1250x90	4x2000kg	3000	500	500	--	200
ETDI6C6-1	1250x1500x115	4x500kg	600	100	100	--	50
ETDI15C6-1	1250x1500x115	4x500kg	1200	200	200	100-200	100
ETDI30C6-1	1250x1500x115	4x2000kg	3000	500	500	--	200
ETEI6C6-1	1500x1500x115	4x500kg	600	100	100	--	50
ETEI15C6-1	1500x1500x115	4x500kg	1200	200	200	100-200	100
ETEI30C6-1	1500x1500x115	4x2000kg	3000	500	500	--	200
ETFI6C6-1	1500x2000x130	4x500kg	600	100	100	--	50
ETFI15C6-1	1500x2000x130	4x500kg	1200	200	200	100-200	100
ETFI30C6-1	1500x2000x130	4x2000kg	3000	500	500	--	200

WARNING: ETFI, ETGI, ETHI, ETLI models require special transportation with quoted price.
(g)* : Divisions obtainable only with the relative options, in combination with Dini Argeo weight indicator.

Connector Pinout



Parts

Part #	Description
{#Available Versions}	
ETAI3C6	4 C6 cell platform, Max=300kg, d=50g, loading surface 1000x1000mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETAI6C6	4 C6 cell platform, Max=600kg, d=100g, loading surface 1000x1000mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETAI15C6	4 C6 cell platform, Max=1200kg, d=200g, loading surface 1000x1000mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETMI3C6	4 C6 cell platform, Max=300kg, d=50g, loading surface 1000x1250mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETMI6C6	4 C6 cell platform, Max=600kg, d=100g, loading surface 1000x1250mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETMI15C6	4 C6 cell platform, Max=1200kg, d=200g, loading surface 1000x1250mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETBI3C6-1	4 C6 cell platform, Max=300kg, d=50g, loading surface 1250x1250mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETBI6C6-1	4 C6 cell platform, Max=600kg, d=100g, loading surface 1250x1250mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETBI15C6-1	4 C6 cell platform, Max=1200kg, d=200g, loading surface 1250x1250mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETBI30C6-1	4 C6 cell platform, Max=3000kg, d=500g, loading surface 1250x1250mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETDI6C6-1	4 C6 cell platform, Max=600kg, d=100g, loading surface 1250x1500mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETDI15C6-1	4 C6 cell platform, Max=1200kg, d=200g, loading surface 1250x1500mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETDI30C6-1	4 C6 cell platform, Max=3000kg, d=500g, loading surface 1250x1500mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETEI6C6-1	4 C6 cell platform, Max=600kg, d=100g, loading surface 1500x1500mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETEI15C6-1	4 C6 cell platform, Max=1200kg, d=200g, loading surface 1500x1500mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETEI30C6-1	4 C6 cell platform, Max=3000kg, d=500g, loading surface 1500x1500mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETFI6C6-1	4 C6 cell platform, Max=600kg, d=100g, loading surface 1500x2000mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETFI15C6-1	4 C6 cell platform, Max=1200kg, d=200g, loading surface 1500x2000mm. Stainless steel structure and loading plate. 5 m shielded cable.
ETFI30C6-1	4 C6 cell platform, Max=3000kg, d=500g, loading surface 1500x2000mm. Stainless steel structure and loading plate. 5 m shielded cable.

Options

Part #	Description
{#Loading plates with increased thickness}	
ETEP18	Reinforced stainless steel loading plate for ETE platform. Thickness: 8 mm.
{#Calibration service with weight indicator}	
DINICAL	Connection to a Dini Argeo indicator and calibration. NET PRICE (*).
DINICAL-DRC	Direct connection (without connectors) from platform to indicator and calibration service. € NET.NOTE(†): delivered platform not connected: connection of the platform to the weight indicator to be carried out on site by qualified personnel.
{#Legal for trade approval, class III or IIII, with Dini Argeo weight indicator (only at time of order)}	
ECEM-C6	6000e legal for trade approval, for single platform/scale. NOTE: Depending on the product, the ECEM approval service may require DINICAL calibration service. Check to see if DINICAL is in the product options.
ECEM2-C6	Multi-range 6000+6000e legal for trade approval, for single platform/scale. NOTE: Depending on the product, the ECEM approval service may require DINICAL calibration service. Check to see if DINICAL is in the product options.
ECEMDOC	Printed EU declaration of conformity, EU certificate of verification, test certificate and metrological book (free download from our website, only for approved CE-M products). NET €.
{#IP69K Protection}	
IP69KLC	IP69K version for one loadcell.
{#Frame for flush floor installation}	
ETATFI	Stainless steel frame for flush floor installation for ETAI platforms.
ETMTFI	Stainless steel frame for flush floor installation for ETMI platforms.
ETBTFI	Stainless steel frame for flush floor installation for ETBI platforms.
ETDTFI	Stainless steel frame for flush floor installation for ETDI platforms.
ETETFI	Stainless steel frame for flush floor installation for ETEI platforms.
ETFTFI	Stainless steel frame for flush floor installation for ETFI platforms.
ETHTFI	Stainless steel frame for flush floor installation for ETHI platforms.
ETLTFI	Stainless steel frame for flush floor installation for ETLI platforms.
ETKB	Ball joints kit in stainless steel for pit frame ETxTF and ETxTFI. This accessory can be used in substitution of the standard plates. It allows the platform to swing and to settle, improving the weighing performance. Compatible with platforms with load cells up to 2000 kg.
{#High resolution (d HR) (only at time of order)}	
ETHR	High resolution model for internal factory use.
{#Floor columns}	
CSP38I-1	AISI 304 stainless steel column 450x450mm, h=917mm, Ø 38mm. For the indicators of the DINI ARGEO and SCALE HOUSE range.
CSP38	Stainless steel column 450x450mm, h=917, Ø 38mm. Painted steel base. For the indicators of the DINI ARGEO and SCALE HOUSE range.
CSP38D	Stainless steel column 350x350mm, h=750mm. Painted steel base. For the indicators of the DINI ARGEO and SCALE HOUSE range.
{#Additional On / Off ramp}	
ETARI	Stainless steel ramp, 1000x900mm, for ETAI and ETMI platforms.
ETBRI	Stainless steel ramp, 1250x900mm, for ETBI platforms.
ETDRI	Stainless steel ramp, 1250x1100mm, for ETDI platforms.
ETERI	Stainless steel ramp, 1500x1100mm, for ETEI platforms.
{#Protection for junction box / electronic circuits}	
GELBOX	Anti condensation, insulating, and sealing gel. Useful to protect the electronic circuits of the weighing system, even under prolonged immersions conditions. Pack of 300ml.
{#Plates for fixing on the floor}	
ETPFI-1	Kit of 4 plates for fixing on the floor, in stainless steel. For platforms ETG, ETH, ETL, ETA, ETM, ETB, ETD, ETE, ETF, LPI and FL series.
{#Options for ATEX version}	

Part #	Description
CCATEX-1	Optional ATEX version for single load cell. Marking: ATEX II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) Ga and ATEX II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) Da IP65. Provided with safety instructions and the ATEX EU declaration of conformity (EN, DE, FR, ES and IT).
CCATEX3GD	ATEX certificate for each load cell. Marking: ATEX II 3G Ex nA IIC T6 Gc for gas and ATEX II 3D Ex tc IIIC T115°C Dc IP65 for dusts. Complete with manual and ATEX CE conformity declaration (available in EN, DE, FR and IT).
DCATEXMECH	ATEX version for the PLATFORM / LOAD CELL MOUNTING KIT for zone 1/21 (for the load cells ATEX declaration see CCATEX code). Option to be offered only if the platform is ordered without the indicator, otherwise refer to the available certifications for the chosen weight indicator. Provided with safety instructions and ATEX EU declaration of conformity (EN, DE, FR, ES and IT).
JB4QAI	ATEX equalisation box made of stainless steel IP66 for up to 4 cells. 4 + 1 fairleads. Marking: ATEX II 2G Ex ib IIC T6 Gb for gases, ATEX II 2D Ex tb IIIC T115°C Db IP65 for dusts. Provided with safety instructions and the ATEX EU declaration of conformity (EN, DE, FR, ES and IT).
LCCB	Shielded cable 6x0.25 mm ² (suitable for Ex zones). PVC inner sheath. Tinned copper braid shielding. PVC outer sheath, diameter 5.8 mm. Temperature range: -40 / +80 °C. Minimum bending radius >= 6 x O.D. €/m. Maximum orderable length: 100 m (longer lengths available only upon request).
LCCBA	Armoured cable 6x0.25 mm ² (suitable for Ex zones). PVC inner sheath, diameter 5mm. Iron-zinc alloy armour. Transparent PVC outer sheath, 8 mm diameter. Temperature range: -15 / +70 °C. Minimum bending radius >= 5 x O.D. €/m. Maximum orderable length: 100 m (longer lengths available only upon request).
{#Calibration service with Dini Argeo weight indicator (only at time of order)}	
CT5	ISO 17025 calibration certificate from 61 to 300 kg for single scale/platform. For precision and industrial scales, crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
CT6	ISO 17025 calibration certificate from 301 to 1500 kg for single scale/platform. For precision and industrial scales, crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
CT7	ISO 17025 calibration certificate from 1501 to 3000 kg for single scale/platform. For precision balances, industrial and crane scales. The certificate is provided in digital format (pdf) and sent by e-mail.
CD3	ISO 9001 DINI ARGEO calibration report, from 1501 to 6000 kg, for single scale/platform. ACCREDIA reference weights.
CD4	ISO 9001 DINI ARGEO calibration report, from 6001 to 15000kg, for single scale/platform. ACCREDIA reference weights.

Dini Argeo S.r.l. | Via della Fisica, 20 - 41042, Spezzano di Fiorano, Modena (MO), Italy | Tel.: +39 0536 843418

www.diniargeo.com