

ETI ATEX Series 4-Cell Stainless Steel Platforms



Standard Features

- Fitted with 4 stainless steel shear-beam OIML approved load cells each with 1000 Ohm input resistance with protection against dust and immersion according to IP68 standards
- Stainless steel bearing tubular structure, with removable stainless steel plate (except for the ELCI models which have a non removable plate) and IP67 junction box housing
- Adjustable, stainless steel shock-proof jointed feet and level
- Up to 15 VDC power supply
- Hermetic junction box and wiring cables with sheathing according to IP67 standards, and shielded 5m long 6-pin cable with connectors for connection to the indicator

Low profile stainless steel electronic platforms with removable loading plate. Fitted with IP68 stainless steel load cells. Suitable for creating scales and electronic weighing systems for all types of industrial and commercial applications. Standard version is with approved load cell.

Specifications

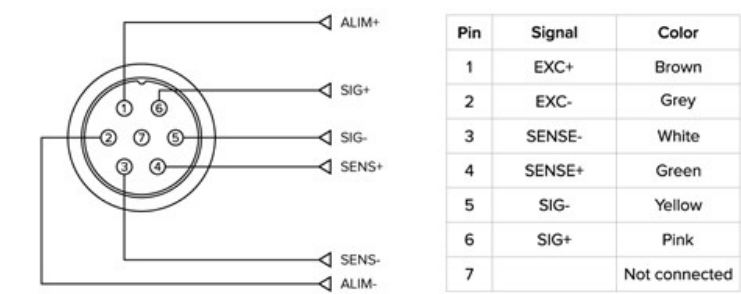
Accessories:	Options Only Available at Time of Order:	ATEX technical features:
- Indicator support stand - Frames for flush floor installation - Access ramps - Models with special sizes and capacities	- Calibration with CE-M single or double range approval - High resolution models for internal factory 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 <i>For ETF / ETG / ETH / ETL models, the ATEX version is available only upon request.</i>

Available Versions

Code	l x w x h (mm)	Nr. of cells	Max (kg)	d (g)	(g)*	 2R (g)*	d HR (g)*
<u>ELCI3-EX</u>	800x800x90	4x300kg	300	50	100	--	20
<u>ELCI6-EX</u>	800x800x90	4x500kg	600	100	200	100-2	50
<u>ELCI15-EX</u>	800x800x90	4x1000kg	1500	200	500	200-500	1
<u>ETAI3-EX</u>	1000x1000x90	4x300kg	300	50	10		20
<u>ETAI6-EX</u>	1000x1000x90	4x500kg	600	100	200	100-200	50
<u>ETAI15-EX</u>	1000x1000x90	4x1000kg	1500	200	500	200-500	100
<u>ETMI3-EX</u>	1000x1250x90	4x300kg	300	50	100	--	20
<u>ETMI6-EX</u>	1000x1250x90	4x500kg	600	100	200	100-200	50
<u>ETMI15-EX</u>	1000x1250x90	4x1000kg	1500	200	500	200-500	100
<u>ETBI3-EX</u>	1250x1250x90	4x300kg	300	50	100	--	20
<u>ETBI6-EX</u>	1250x1250x90	4x500kg	600	100	200	100-200	50
<u>ETBI15-EX</u>	1250x1250x90	4x1000kg	1500	200	500	200-500	100
<u>ETBI30-EX</u>	1250x1250x90	4x2000kg	3000	500	1000	500-1000	200
<u>ETDI6-EX</u>	1250x1500x115	4x500kg	600	100	200	100-200	50
<u>ETDI15-EX</u>	1250x1500x115	4x1000kg	1500	200	500	200-500	100
<u>ETDI30-EX</u>	1250x1500x115	4x2000kg	3000	500	1000	500-1000	200
<u>ETEI6-EX</u>	1500x1500x115	4x500kg	600	100	200	100-200	50
<u>ETEI15-EX</u>	1500x1500x115	4x1000kg	1500	200	500	200-500	100
<u>ETEI30-EX</u>	1500x1500x115	4x2000kg	3000	500	1000	500-1000	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

[illegible]

Part #	Description
ETDI6-EX	4 C3 cell platform, Max=600kg, d=100g, loading surface 1250x1500mm. Stainless steel structure and loading plate. 5 m shielded cable. ATEX platform for zone 1/21 with Ex II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) certified load cells Ga for gas and Ex II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) From IP65 for dust , Ex II 2G Ex ib IIC T6 Gb certified junction box for gas and Ex II 2D Ex tb IIIC T115°C Db IP65 for dust and Ex II 2 G Ex h IIC T6 Gb certified mechanical structure (-20°C = Tamb = +60°C) X for gas and Ex II 2 D Ex h IIIC T85°C Db (-20°C = Tamb = +60°C) X for dust.
ETDI15-EX	4 C3 cell platform, Max=1500kg, d=200g, loading surface 1250x1500mm. Stainless steel structure and loading plate. 5 m shielded cable. ATEX platform for zone 1/21 with Ex II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) certified load cells Ga for gas and Ex II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) From IP65 for dust , Ex II 2G Ex ib IIC T6 Gb certified junction box for gas and Ex II 2D Ex tb IIIC T115°C Db IP65 for dust and Ex II 2 G Ex h IIC T6 Gb certified mechanical structure (-20°C = Tamb = +60°C) X for gas and Ex II 2 D Ex h IIIC T85°C Db (-20°C = Tamb = +60°C) X for dust.
ETDI30-EX	4 C3 cell platform, Max=3000kg, d=500g, loading surface 1250x1500mm. Stainless steel structure and loading plate. 5 m shielded cable. ATEX platform for zone 1/21 with Ex II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) certified load cells Ga for gas and Ex II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) From IP65 for dust , Ex II 2G Ex ib IIC T6 Gb certified junction box for gas and Ex II 2D Ex tb IIIC T115°C Db IP65 for dust and Ex II 2 G Ex h IIC T6 Gb certified mechanical structure (-20°C = Tamb = +60°C) X for gas and Ex II 2 D Ex h IIIC T85°C Db (-20°C = Tamb = +60°C) X for dust.
ETEI6-EX	4 C3 cell platform, Max=600kg, d=100g, loading surface 1500x1500mm. Stainless steel structure and loading plate. 5 m shielded cable. ATEX platform for zone 1/21 with Ex II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) certified load cells Ga for gas and Ex II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) From IP65 for dust , Ex II 2G Ex ib IIC T6 Gb certified junction box for gas and Ex II 2D Ex tb IIIC T115°C Db IP65 for dust and Ex II 2 G Ex h IIC T6 Gb certified mechanical structure (-20°C = Tamb = +60°C) X for gas and Ex II 2 D Ex h IIIC T85°C Db (-20°C = Tamb = +60°C) X for dust.
ETEI15-EX	4 C3 cell platform, Max=1500kg, d=200g, loading surface 1500x1500mm. Stainless steel structure and loading plate. 5 m shielded cable. ATEX platform for zone 1/21 with Ex II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) certified load cells Ga for gas and Ex II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) From IP65 for dust , Ex II 2G Ex ib IIC T6 Gb certified junction box for gas and Ex II 2D Ex tb IIIC T115°C Db IP65 for dust and Ex II 2 G Ex h IIC T6 Gb certified mechanical structure (-20°C = Tamb = +60°C) X for gas and Ex II 2 D Ex h IIIC T85°C Db (-20°C = Tamb = +60°C) X for dust.
ETEI30-EX	4 C3 cell platform, Max=3000kg, d=500g, loading surface 1500x1500mm. Stainless steel structure and loading plate. 5 m shielded cable. ATEX platform for zone 1/21 with Ex II 1G Ex ia IIC T6 (Ta -20÷+40°C) TX (Ta -20÷+65°C) certified load cells Ga for gas and Ex II 1D Ex ta IIIC TX°C (Ta -20÷+40°C) TX°C (Ta -20÷+65°C) From IP65 for dust , Ex II 2G Ex ib IIC T6 Gb certified junction box for gas and Ex II 2D Ex tb IIIC T115°C Db IP65 for dust and Ex II 2 G Ex h IIC T6 Gb certified mechanical structure (-20°C = Tamb = +60°C) X for gas and Ex II 2 D Ex h IIIC T85°C Db (-20°C = Tamb = +60°C) X for dust.

Options

Part #	Description
{#IP69K Protection}	
IP69KLC	IP69K version for one loadcell.
{#IP68 protection}	
ETIP68	IP68 connection fitted with specific cable, fairleads and connectors.
{#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(1): 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)}	
ECЕМ	3000e 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.
ECЕМ2	Multi-range 3000+3000e 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.
ECЕМDOC	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 €.
{#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.
{#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.
{#On / Off ramp}	
ETARI	Stainless steel ramp, 1000x900mm, for ETAI and ETMI platforms.

Part #	Description
ETBRI	Stainless steel ramp, 1250x900mm, for ETBI platforms.
ETDRI	Stainless steel ramp, 1250x1100mm, for ETDI platforms.
ETERI	Stainless steel ramp, 1500x1100mm, for ETEI platforms.
{#Options for ATEX version}	
EXCB6	Blue shielded cable 6x0.22 mm ² , only for EX i (2GD) assemblies. PVC inner sheath. Tinned copper braid shielding. Polyurethane outer sheath, diameter 5.8 mm. Temperature range: -40 / +80 °C. Minimum bending radius >= 7 x O.D. €/m. Maximum orderable length: 100 m (longer lengths available only upon request).
{#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.
{#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.
{#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.
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