

ESI Series 4 Cells Floor Platforms



*As of: Tuesday, August 26,
2025*



Standard Features

- Fitted with 4 bending beam, stainless steel, approved load cells with IP68 protection from dust and water
- Very sturdy stainless steel monobloc with fixed chequered loading surface
- IP68 junction box
- Adjustable, anti slip feet and level
- Up to 15 VDC power supply
- 5 m 6-pin shielded cable, complete with female connector.

Stainless steel monobloc electronic platforms, fitted with stainless steel bending beam load cells. Suitable for weighing in all types of industrial and commercial applications. Standard version is with approved load cell.

Specifications

Options for ATEX Version

CCATEX: ATEX certificate for each load cell.

JB4QA: ATEX certified junction box.

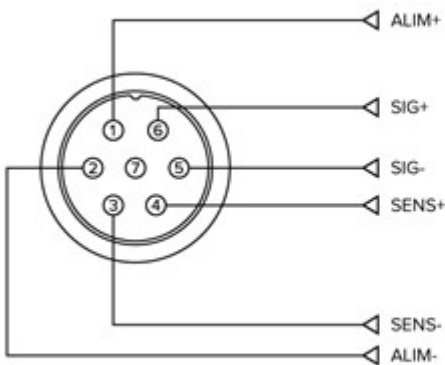
DCATEXMECH: ATEX declaration for the PLATFORM (for the load cells ATEX declaration see CCATEX-1 code).
Option to be offered only if the platform is ordered without the indicator, if so, refer to the chosen weight indicator available certifications.

Accessories

Indicator support stand.

Pit frame for flush floor installation.

Connector Pinout



Pin	Signal	Color
1	EXC+	Brown
2	EXC-	Grey
3	SENSE-	White
4	SENSE+	Green
5	SIG-	Yellow
6	SIG+	Pink
7		Not connected

Available Versions

Code	l x w x h (mm)	Nr. of cells	Max (kg)	d (g)	(g)*	2R (g)*
<u>ESI150-1/ESI150_EX</u>	600x600x88	4x100kg	150	20	50	20-50
<u>ESI300-1/ESI300-EX</u>	600x600x88	4x200kg	300	50	100	50-100

(*) Divisions obtainable only with the relative options, in combination with Dini Argeo weight indicator.

Parts

Part # Description

{#Available Versions}

ESI150-1	4-cell platform with 150 kg capacity, 20 g division, stainless steel loading surface 600x600 mm, h= 85 mm, steel structure. 5 m shielded cable.
ESI150-EX	4-cell platform with 150 kg capacity, 20 g division, stainless steel loading surface 600x600 mm, h= 85 mm, steel structure. 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.
ESI300-1	4-cell platform with 300 kg capacity, 50 g division, stainless steel loading surface 600x600 mm, h= 85 mm, steel structure. 5 m shielded cable.
ESI300-EX	4-cell platform with 300 kg capacity, 50 g division, stainless steel loading surface 600x600 mm, h= 85 mm, steel structure. 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
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{#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)}

ECEM	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.
ECEM2	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.
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 €.

{#IP68 protection}

ETIP68	IP68 connection fitted with specific cable, fairleads and connectors.
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{#Frame for flush floor installation}

ESITF-1	Stainless steel frame for floor installation for 600x600mm platform.
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{#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.

{#Anti condensation gel}

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.
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{#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 $\geq 7 \times \text{O.D.}$ €/m. Maximum orderable length: 100 m (longer lengths available only upon request).
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Part #	Description
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{#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.
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