

Solution for signal processing

We offer solutions for conditioning, displaying and transmitting weight measurement.
Our electronics include functions covering a wide range of applications:

- Process control
- Proportioning, filling
- Management of scales
- Belt weighing
- Continuous feeding

We also offer the following for integration into industrial environments:

- Measurement solutions for use in hazardous areas
- Standard interfaces with the main automated systems (Profibus-DP, Modbus-RTU, CANopen®, Modbus-TCP, Ethernet/IP, PROFINET, EtherCAT)

ELECTRONICS

●: Standard
○: Optional



Model	CPJ	eNod3	eNod4-DIN	eNod4-BOX	IPE50 D/P	IPC20	IPC50	IPE100
Type	Weighing Transmitters				Weighing Indicators			
Connectable load cells	4 analog (350 Ω)	4 analog (350 Ω)	4 analog (350 Ω)	4 analog (350 Ω)	8 analog (350 Ω)	8 analog (350 Ω)	8 analog (350 Ω)	16 digital or 16 analog
Accuracy class	0.05 %	0.01 %	0.01 %	0.01 %	-	-	-	-
Nb of division OIML	-	6 000 d	6 000 d	6 000 d	10 000 d	10 000 d	10 000 d	10 000 d
Display	-	-	○	○	LED 9/18 mm	LED 25 mm	LCD 25 mm	LCD 25 mm operator guide
Logic Input (I) Outputs (O)	○ 2 ○	● 2 I - 4 O	● 2 I - 4 O	● 2 I - 4 O	● / ○ 2 I - 2 O / 6 O	- / -	○ 2 I / 2 O	● 2 I / 4 O
Analog Output	●	-	○	○	○	-	-	-
Sérial link RS485 / RS232	-	● / ●	● / USB	● / USB	● / ●	○ / ●	○ / ●	● / ●
Modbus / Profibus / CANopen®	-	● / - / ●	● / ○ / ●	● / ○ / ●	● / ○ / -	- / - / -	-	-
Modbus-TCP / Profinet Ethernet/IP / Ethercat	-	-	● / ● / ●	● / ● / ●	-	-	-	-

ACCESSOIRES



Weighing process under control

Our weighing chains based on eNod controllers and digital load cells have proven their performances in a wide range of industries such as food, steel, chemical, bulk and powder...



- > Very high speed and accurate measurement
- > Integrated applications for weight level monitoring checkweigher, filling, belt-weighing or loss-in-weight feeding
- > Easy to implement in automated systems, software tools to help adjustment
- > PLC communication Modbus-RTU, Profibus-DP, CANopen®, Modbus TCP, Ethernet/IP, PROFINET and EtherCAT
- > Optional Touch screen HMI

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Weighing Solutions

Load cells, Mounting kits, Electronics



MT-WEIGHING-E-0418 - SCAIME - SIREN 389 325 283 - R.C.S. THONON LES BAINS - SIRET 389 325 283 0001 5 - Non-contractual pictures - SCAIME reserves the right to bring any modification without prior notice.

A range of load cells from 200 g to 1 000 t

Our know how and our experience of weighing applications has enabled us to develop and produce one of the widest ranges on the market. Our load cells cover wide measurement ranges to satisfy all requirements and are offered with different protection levels and precision classes.

For all your applications...

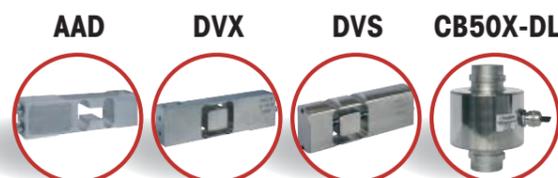
The quality of our products is renowned and our technological knowledge enables us to offer a complete range of weighing solution.

- Scales manufacturing
- Vehicule weighing
- Dynamic weighing
- Industrial process
- Lifting, safety



Enter the age of digital measurement...

We associate our know-how in analog signal processing with digital technologies to provide high performance digital load cells for weighbridge application or weighing machine control.



DVS is a digital load cell with EHEDG hygenic design offering a unique solution for aseptic filling machines.

Certified performance and safety...

Most of our sensors comply with the current regulations and standards to provide you with the best guarantees of performance and safety.



LOAD CELLS



Model	AR	EP	AQ	AL	AG	AH	AP	AVX-AVS	AXL-AXH	AK	AAD	DVX - DVS
Type	Single Point											
Rated load capacity (Cn)	0.2 kg ... 1.2 kg	2 kg ... 4 kg	5 kg ... 35 kg	3 kg ... 30 kg	1 kg ... 100 kg	50 kg ... 200 kg	75 kg ... 635 kg	10 kg ... 75 kg	15 kg ... 500 kg	6 kg ... 300 kg	5 kg ... 75 kg	15 kg ... 75 kg
OIML Accuracy class	-	-	C3	C3	C3 / C6	C3 / C6	C3	C3 / C6	C3	C3	3 000 d	3 000 d
Combined error (% Cn)	0.02	0.05	0.017	0.017	0.017 / 0.008	0.017 / 0.008	0.017	0.017 / 0.008	0.017	0.017	0.02	0.02
Construction	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Stainless steel	Stainless steel	Stainless steel	Aluminum	Stainless steel
Protection	Coated, IP63	Coated, IP65	Coated, IP65	Coated, IP65	Coated, IP65	Coated, IP65	Coated, IP65	IP69K	Sealed, IP69K	Sealed, IP68	Coated, IP65	Sealed, IP69K

Consult our complete product range on: www.scaime.com

LOAD CELLS



Model	F60X	S10A	SK30A	SK30X	M15 - M16	ZFA	ZA30X	R10X	RH10X	CA40X	CB50X	CB50X-DL
Type	Bending		Shear Beam		Load pin		Tension				Compression	
Rated load capacity (Cn)	5 kg ... 500 kg	500 kg ... 5 t	500 kg ... 2 t	300 kg ... 5 t	20 kg ... 100 t	25 kg ... 5 t	500 kg ... 7.5 t	250 kg ... 100 t	100 t ... 1 000 t	100 t ... 200 t	5 t ... 60 t	20 t ... 50 t
OIML Accuracy class	C3 / C6	-	C3	C3 / C6	-	-	C3	-	-	-	C4	C4
Combined error (% Cn)	0.017 / 0.008	0.02	0.017	0.017 / 0.018	0.5 / 0.1	0.03	0.017	0.1	0.2	0.024	0.013	0.013
Construction	Stainless steel	Nickel plated steel	Stainless steel	Stainless steel	Stainless steel	Nickel plated steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Protection	Sealed, IP68	Coated, IP67	Coated, IP67	Sealed, IP68	Coated, IP65	Coated, IP67	Sealed, IP68	Sealed, IP68	Sealed, IP68	Sealed, IP68	Sealed, IP68	Sealed, IP68

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MOUNTING KITS



Model	LFC - LFD	LFA - LFB	RUBBERKIT	ISOFLEX	STABIFLEX EVO	SILOKIT-R	SILOSAFE-R EVO	STABICAN	LPM - LPS - LPC	ROD-END
For load cell...	F60X, SB30X, SK30X, SK30A	SK30X, SK30A	F60X	SK30X, SK30A	F60X, SK30X, SK30A	R10X	R10X	CA40X, CB50X	CB50X	ZFA, ZA30X
Capacity	5 kg ... 5 t	300 kg ... 5 t	5 kg ... 200 kg	300 kg ... 5 t	5 kg ... 5 t	250 kg ... 30 t	250 kg ... 750 t	1 t ... 200 t	5 t ... 60 t	25 kg ... 7.5 t