Weighing Module **VC3500**

available with certification • ATEX

General information

PWS19820261127

The VC3500 weighing module consists of a double shear beam stainless steel load cell (also available in ATEX version and in high temperature version) and a built-in assembly component. The VC3500 weighing module is suitable for different industrial environments and is able to perform precise measurements of various types of products such as cement, minerals, chemicals, plastics, pharmaceuticals, paints, food and offshore applications. The load cell of VC3500 has a 20-meter long polyurethane cable.



Suggested related products

A highly performing weighing system must be accurate, perfectly calibrated and well maintained. In order to improve the load cell performance and to optimize its functioning, you may need the following products:

Weight Transmitter DAT 1400

Mounting kits DE MOUNTING KIT

Weight Transmitter UWT 600

Double Shear Beam Load Cell DDR

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

PAVONE SISTEMI S.R.L.
Via Tiberio Bianchi 11/13/15, 20863 Concorezzo (MB), Milan, Italy
T (+39) 039 9162656 **F** (+39) 039 9162675 **W** pavonesistemi.com
Industrial Electronic Weighing Systems since 1963

Technical specifications

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Rated Load (RL):	2, 5, 10, 15, 20, 30, 50, 75, 100, 150, 200 t
Combined error:	< ±0.03 % RO
Repeatability:	< ±0.015 % RO
Creep (30 minutes):	< ±0.016 % RO
Safe overload:	150 % RL
Ultimate overload:	300 % RL
Safe sideload:	100 % RL
Material:	Stainless steel
Degree of protection:	IP68/IP69K
Compensated Temperature:	-10 ÷ + 40 °C
Temperature range:	-50 ÷ +80 °C
Rated output RO:	2.0 mV/V ±0.25 %
Input resistance:	785 ±20 Ohm
Output resistance:	705 ±5 Ohm
Isolation:	>500 MOhm
Maximum excitation:	18 V
Excitation recommended:	10 V

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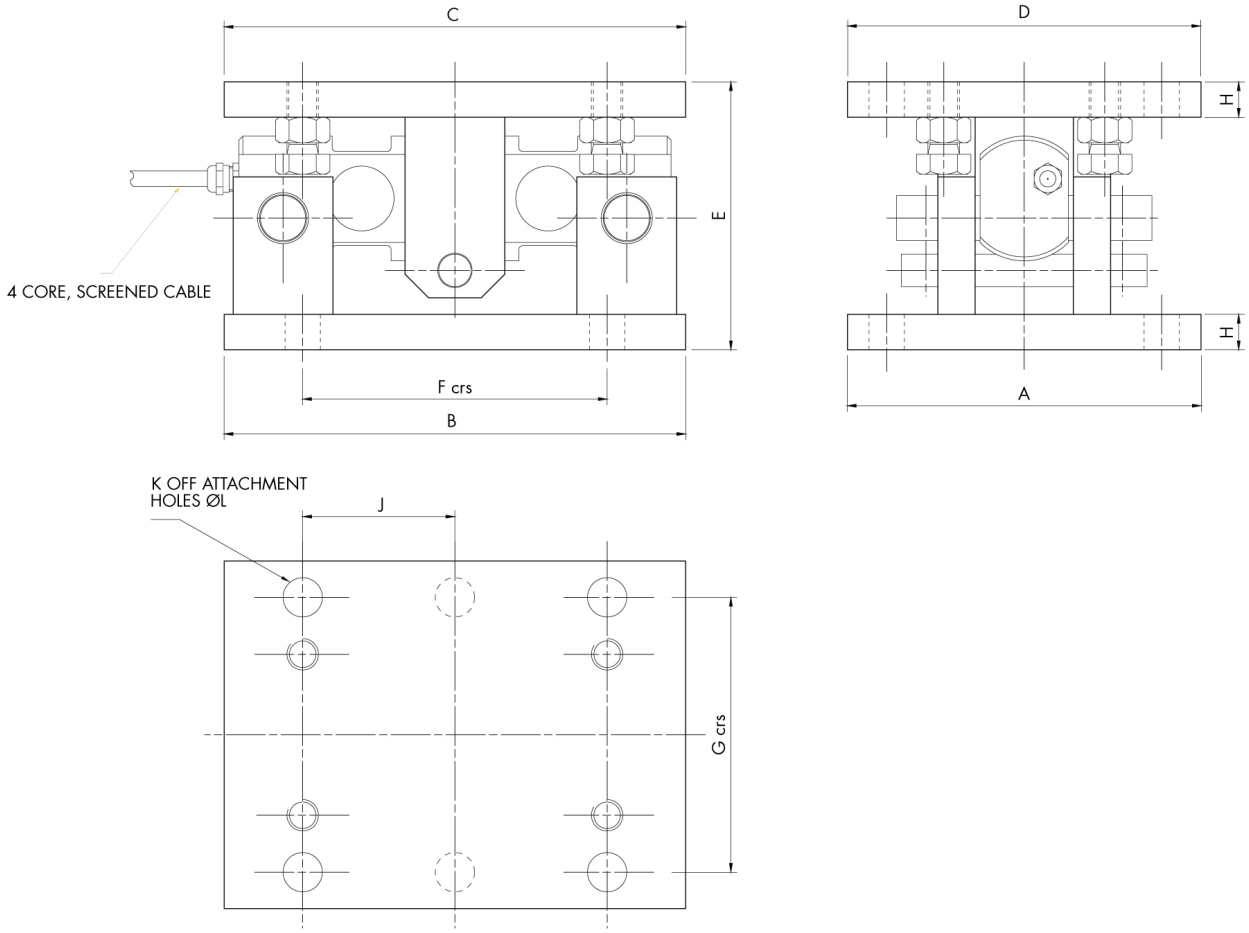

Load Cell Capacity (t)	A	B	C	D	E	F crs	G crs	H	J crs	K No	L Ø
2, 5, 10, 15, 20	180	235	235	180	137	155	140	20	-	8	18
30, 50	250	285	250	220	210	175	175	25	-	8	22
75	250	330	330	250	250	200	180	25	100	12	22
100	350	440	440	340	275	300	235	30	150	12	26
150, 200	350	440	440	350	325	310	285	30	155	12	32

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