COD

COLUMN DIGITAL LOAD CELLS











DESCRIPTION

- AISI 4340 nickel-plated steel body and AISI 304 stainless steel shell
- Combined error ≤ ±0.014%
- IP69K protection rating
- Two-connector digital output
- Compatible with WINOX BGE and WTAB BGE
- Load cell bases with anti-rotation mechanism
- Earthing cable
- Pipe clamps
- Lightning and electrical shock protection

CAPACITY kg	ACCURACY CLASS C5	NET WEIGHT (kg)	CONNECTION CABLE
25000	•	3.5	-
50000	•	3.7	-
25000	•	3.5	5 metres
50000	•	3.7	5 metres
25000	•	3.5	10 metres
50000	•	3.7	10 metres

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ISO 9001
ISO 14001

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CERTIFICATIONS

OIML R60 C5

Equivalent of the CE marking for the United Kingdom

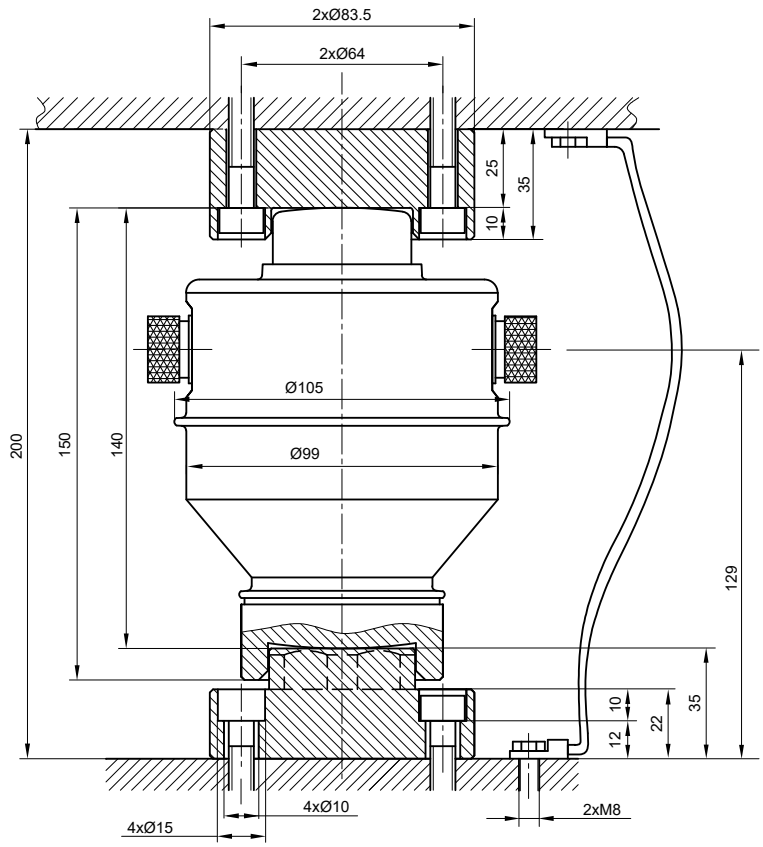
Declaration of conformity + IP69K marking protection rating
Water protection in case of high-pressure or steam jet cleaning (test: pressurized water is sprayed from a distance of max 150 mm)
Water pressure: 100 bar; temperature: 80 °C; test duration: 250 seconds (reference standard: DIN 40050-9)

CERTIFICATIONS ON REQUEST
Calibration report
Complies with Chinese market regulations for legal for trade use

OPTIONS ON REQUEST

	DESCRIPTION
20m	Anti-rat cable for connecting to indicator, length: 20 m, equipped with connector on one end only.
10m	Anti-rat cable, length: 10 m, equipped with connector on both ends.
5m	Anti-rat cable, length: 5 m, equipped with connector on both ends.

DIMENSIONS (mm)



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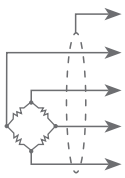
TECHNICAL FEATURES

Material	AISI 4340 nickel-plated steel body and AISI 304 stainless steel shell
OIML R60 Accuracy class • Verification intervals	**C5 • 5000**
Nominal load (E max)	25000 - 50000 kg
Minimum verification interval (V min)	E max / 10000
Combined error	≤ ±0.014%
Protection rating	IP69K

Temperature effect on zero	0.0015% °C	Recommended power supply voltage	9÷12 VDC
Temperature effect on span	0.0015% °C	Safe overload (% of full scale)	150%
Compensated temperature range	-10 °C / +40 °C	Ultimate overload (% of full scale)	300%
Operating temperature range	-30 °C / +70°C	RS485 serial interface	Halfduplex
Creep at nominal load in 30 minutes	0.02%	Maximum transmission distance	1200 m
Max supply voltage without damage	20 VDC		

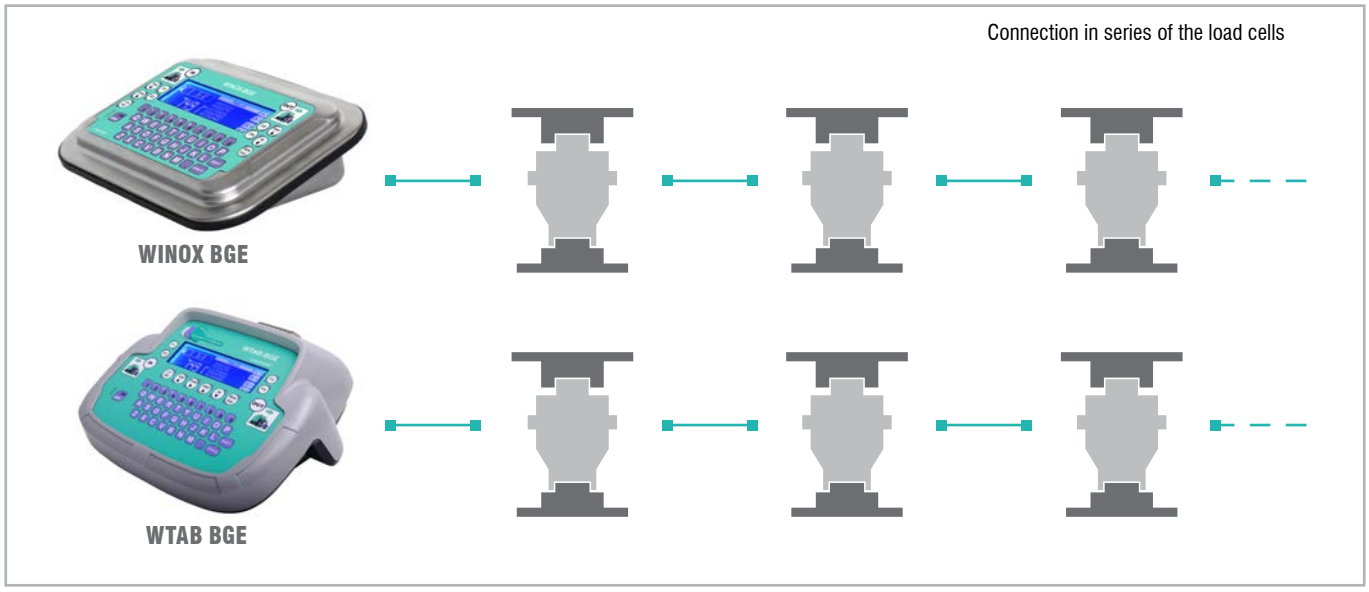
ELECTRICAL CONNECTIONS

Cable length	5 m/10 m
Cable diameter	8.8 mm
Cores	4 x 0.2 mm²



SHIELD	
+ RS485	WHITE
+ EXCITATION	BLUE
- RS485	RED
- EXCITATION	BLACK

EXAMPLE OF APPLICATION



The Company reserves the right to make changes to the technical data, drawings and images without notice.