



Manufactured according to OIML R60 standards

Capacity from 2000 kg to 20000 kg



- SPECIAL STEEL
- BIDIRECTIONAL TENSION AND COMPRESSION
- COMBINED ERROR $\leq \pm 0.05\%$ (0,1% capacities 10000 kg and 20000 kg)
- PROTECTION CLASS IP67

CAPACITY	kg			EAC	EAC Ex	NET WEIGHT OF LOAD CELL (kg)	CODE
2000		•	•	•		4.2	CLK2000
5000		•	•	•		5.8	CLK5000
10000		•	•	•		10.5	CLK10000
20000		•	•	•		11	CLK20000

ON REQUEST

CERTIFICATIONS

Complies with the Eurasian Custom Union standards

CERTIFICATIONS ON REQUEST



ATEX II 1GD (zone 0-1-2-20-21-22)

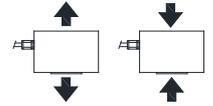
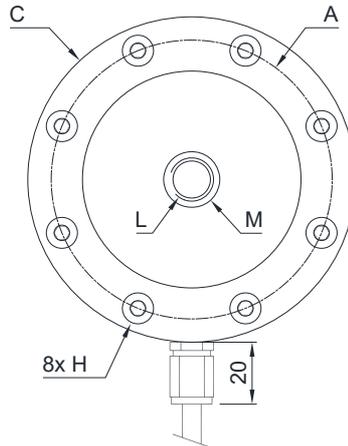
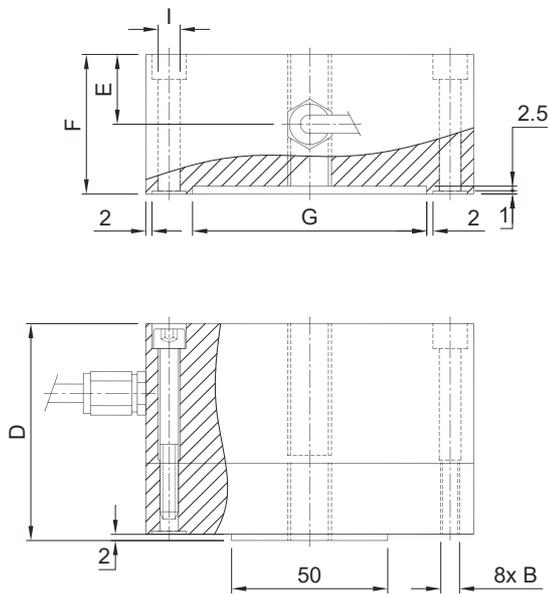


IECEx (zone 0-1-2-20-21-22)



Complies with the Eurasian Custom Union standards for use in potentially explosive atmospheres

DIMENSIONS (mm)



	2000 kg	5000 kg	10000 kg 20000 kg
A	Ø90	Ø104.5	Ø133
B	M6x1	M8x1.25	M10x1.5
C	Ø105	Ø120	Ø155
D	70	80	90
E	22.5	25	27.5
F	45	50	55
G	Ø75	Ø84	Ø106
H	M6 x 55	M8 x 65	M10 x 75
I	Ø7	Ø9	Ø11
L	M14x2	M20x1.5	M30x2
M	18	28	50
Weight	4.2 kg	6 kg	10.5-11 kg

TECHNICAL FEATURES

Material	Special steel		
Nominal load (E max)	2000 - 5000 kg	10000 - 20000 kg	
Combined error	≤ ±0.05%	≤ ±0.1%	
Protection class	IP67		
Rated output	2 mV/V ±0.3%	Input resistance	352 Ω ±3
Temperature effect on zero	0.002% °C	Output resistance	400 Ω ±20
Temperature effect on span	0.002% °C	Zero balance	±1%
Compensated temperature range	-10 °C / +50 °C	Insulation resistance	>5000 MΩ
Operating temperature range	-30 °C / +70 °C	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.03%	Ultimate overload (% of full scale)	200%
Max supply voltage without damage	15 V	Deflection at nominal load	0.3 mm

ELECTRICAL CONNECTIONS

Cable length	12 m
Cable diameter	6 mm
Cores	4/6 x 0.24 mm ²

