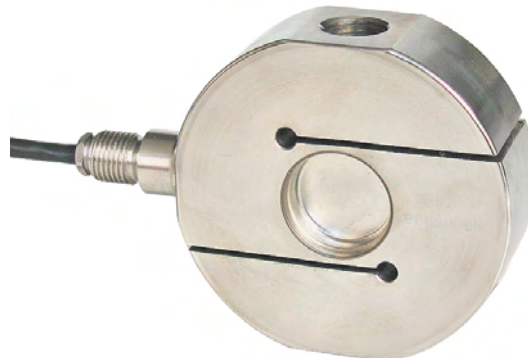




Capacity from 100 kg to 12500 kg



- 17-4 PH STAINLESS STEEL
- COMBINED ERROR $\leq \pm 0.02\%$
- IP68 PROTECTION RATING

CAPACITY	kg	ACCURACY CLASS C3			NET WEIGHT (kg)
100		–	–	–	0.7
200		–	–	–	0.7
300		–	–	–	0.7
500		•	•	•	1.4
1000		•	•	•	1.4
2500		•	•	•	1.4
5000		•	•	•	2.6
7500		•	•	•	2.7
10000		•	•	•	3.7
12500		•	•	•	4.8

ON REQUEST

CERTIFICATIONS



OIML R60 C3



Complies with the Eurasian Customs Union standards



Equivalent of the CE marking for the United Kingdom



Complies with United Kingdom regulations for legal for trade use

CERTIFICATIONS ON REQUEST



IP69K

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)



Linearity test



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



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



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



Complies with the regulations of the Russian Federation for legal for trade use


OPTIONS ON REQUEST

DESCRIPTION

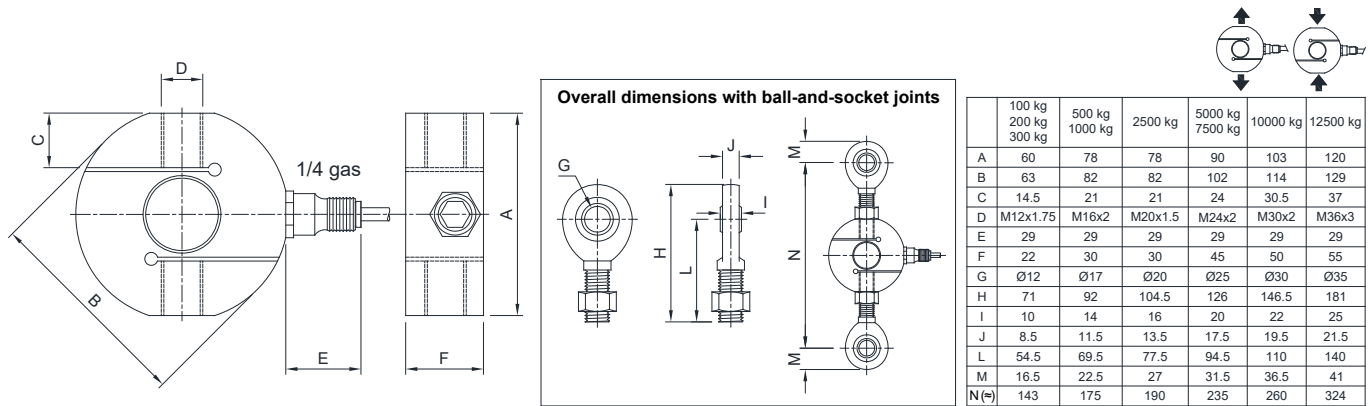


Two redundant strain gauges Wheatstone bridges (350 Ω) with two output cables; for dual safety systems.

COMPLEMENTARY ACCESSORIES

DESCRIPTION	DIMENSIONS	LOAD CELL CAPACITY	CODE
 Ball-and-socket joint with nut: stainless steel	M12x1.75	100-300 kg	EM-INOX
	M16x2	500-1000 kg	
	M20x1.5	2500 kg	
	M24x2	5000-7500 kg	
galvanized C45 steel	M12x1.75	100-300 kg	EM
	M16x2	500-1000 kg	
	M20x1.5	2500 kg	
	M24x2	5000-7500 kg	
	M30x2	10000 kg	
	M36x3	12500 kg	

DIMENSIONS (mm)

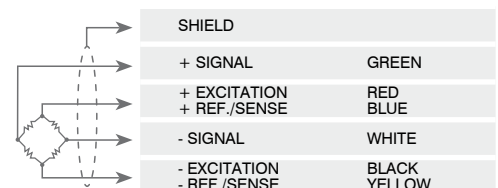


TECHNICAL FEATURES

Material	17-4 PH stainless steel	
OIML R60 Accuracy class • Verification intervals	-	C3 • 3000
Nominal load (E max)	100 - 200 - 300 kg	500 - 1000 - 2500 - 5000 kg 7500 - 10000 - 12500 kg
Minimum verification interval (V min)	E max / 10000	
Combined error	≤ ±0.02%	
Protection rating	IP68	
Rated output	2 mV/V ±0.1%	Input resistance 350 Ω ±5
Temperature effect on zero	0.005% °C	Output resistance 350 Ω ±2
Temperature effect on span	0.003% °C	Zero balance ±1%
Temperature range OIML R60	-10 °C / +40 °C	Insulation resistance ≥5000 MΩ
Compensated temperature range	-20 °C / +70 °C	Safe overload (% of full scale) 150%
Operating temperature range	-30 °C / +90 °C	Ultimate overload (% of full scale) 300%
Creep at nominal load in 30 minutes	0.05%	Deflection at nominal load 0.3 mm
Max supply voltage without damage	15 V	

ELECTRICAL CONNECTIONS

Cable length	10 m
Cable diameter	5 mm
Cores	6 x 0.14 mm ²



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