



Manufactured according to OIML R60 standards

Capacity from 2000 kg to 40000 kg

- AISI 4140 NICKEL PLATED STEEL
- LOAD LIMITING ACCURACY $\pm 2\%$ ON FULL SCALE
- IP67 PROTECTION RATING
- SUITABLE AS LOAD LIMITER FOR LIFTING EQUIPMENT
- RAPID MOUNTING (also on pre-existing lifting systems)



WIRE ROPE TENSION	kg	DIAMETER ROPE (mm)	NET WEIGHT (kg)
up to	2000	Ø 6 ÷ Ø 14	2.4
up to	4000	Ø 10 ÷ Ø 18	2.4
up to	10000	Ø 16 ÷ Ø 26	2.4
up to	20000	Ø 24 ÷ Ø 36	7.5
up to	40000	Ø 24 ÷ Ø 36	7.5

CERTIFICATIONS



Complies with the Eurasian Customs Union regulations



Equivalent of the CE marking for the United Kingdom

CERTIFICATIONS ON REQUEST



ATEX (zone 2-22)

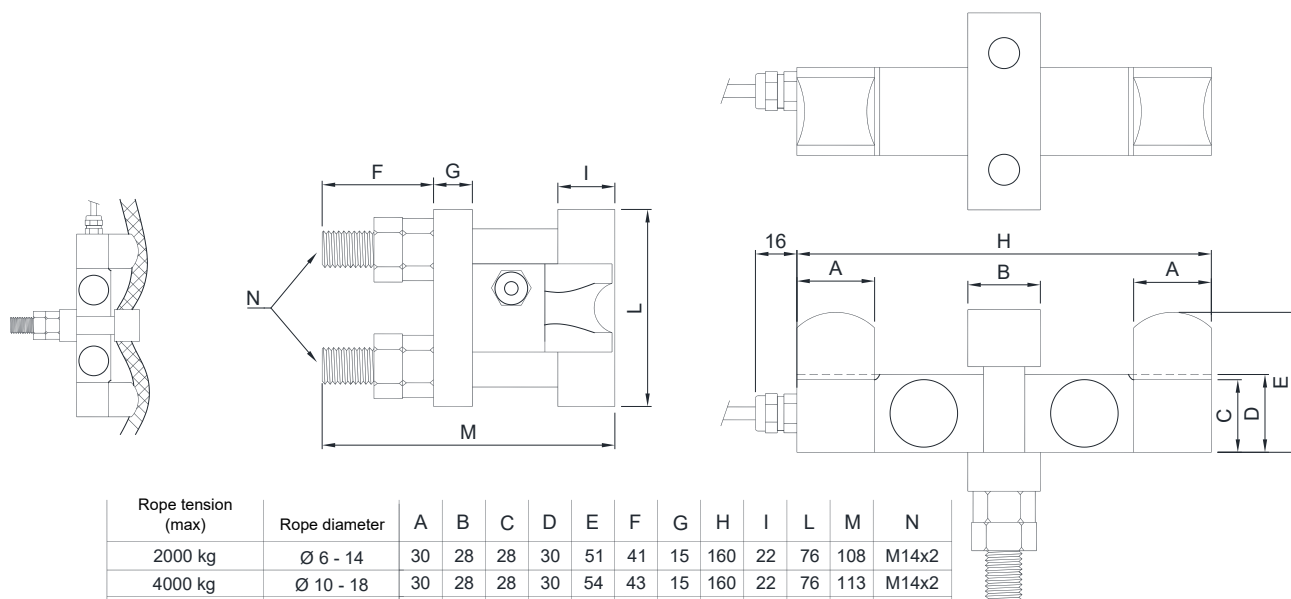


Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres



Complies with Chinese market regulations for use in potentially explosive atmospheres

DIMENSIONS (mm)



Rope tension (max)	Rope diameter	A	B	C	D	E	F	G	H	I	L	M	N
2000 kg	Ø 6 - 14	30	28	28	30	51	41	15	160	22	76	108	M14x2
4000 kg	Ø 10 - 18	30	28	28	30	54	43	15	160	22	76	113	M14x2
10000 kg	Ø 16 - 26	30	28	28	30	56	43	15	160	22	76	119	M14x2
20000 kg	Ø 24 - 36	45	39	40	45	82	67	24	260	34	108	173	M18x2,5
40000 kg	Ø 24 - 36	45	39	40	45	82	67	24	260	34	108	173	M18x2,5

SCREW TIGHTENING TORQUES

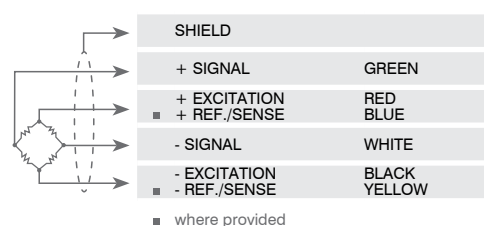
Diameter of the steel cable (mm)	5	6 - 6.5	7 - 8	9 - 10	11 - 13	14	15 - 16	17 - 19	20 - 22	23 - 26	28 - 30	32 - 34	36 - 40
Tightening torque (Nm)	2.0	5.2	6.0	9.0	20	25	30	42	51	67	75	88	106

TECHNICAL FEATURES

Material	AISI 4140 nickel plated steel		
Nominal load (E max)	2000 - 4000 - 10000 - 20000 - 40000 kg		
Load limiting accuracy on full scale	±2%		
Protection rating	IP67		
Rated output	3 mV/V ±0.1%	Input resistance	450/750/1050 Ω ±50
Temperature effect on zero	0.005% °C	Output resistance	350/700/1000 Ω ±20
Temperature effect on span	0.005% °C	Zero balance	±2%
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	0.5 mm

ELECTRICAL CONNECTIONS

Cable length	6 m
Cable diameter	5 mm
Cores	4/6 x 0.14 mm²



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