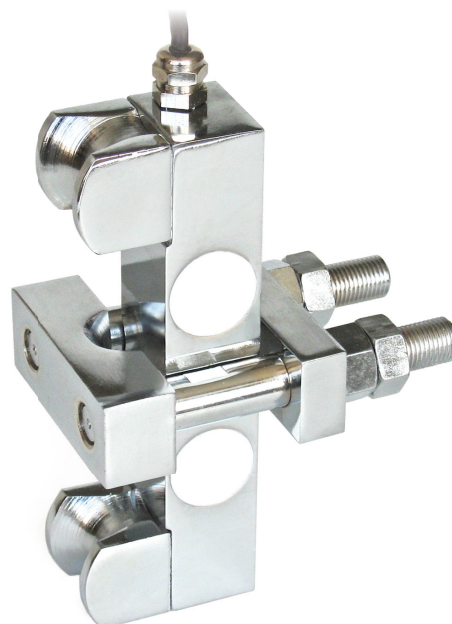




Manufactured according to OIML R60 standards

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

- EAC** Complies with the Eurasian Customs Union regulations
- UK** Equivalent of the CE marking for the United Kingdom

#### CERTIFICATIONS ON REQUEST

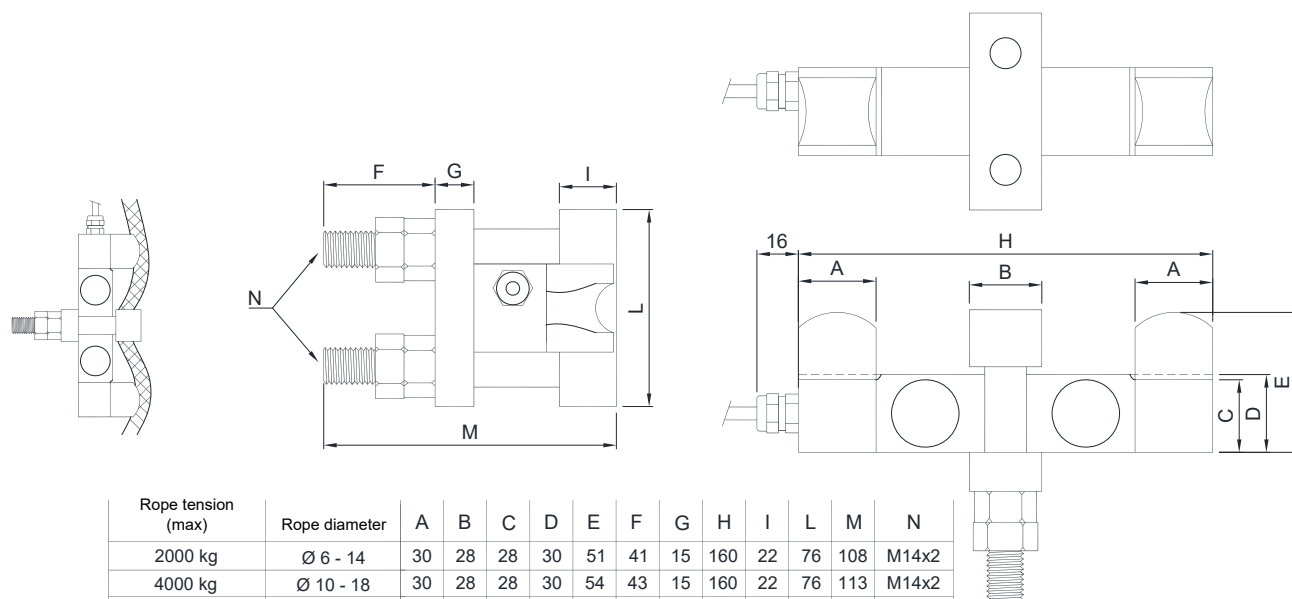
- Ex** ATEX II 1G 2D (zone 0-1-2-21-22) (CE - **UK**)

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

- EAC Ex** Complies with the Eurasian Customs Union regulations for use in potentially explosive atmospheres

- Ex-NEPSA** Complies with Chinese market regulations for use in potentially explosive atmospheres

### DIMENSIONS (mm)



### 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

