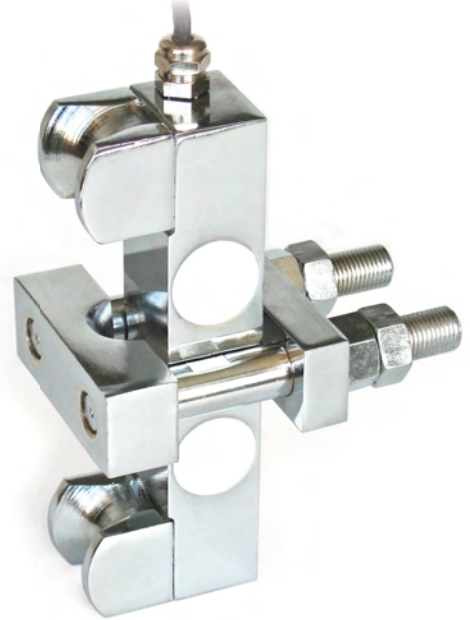




Manufactured according to OIML R60 standards

Capacity from 2000 kg to 40000 kg

- SPECIAL STEEL
- SWITCHING ACCURACY  $\pm 2\%$  ON FULL SCALE
- PROTECTION CLASS IP67
- SUITABLE AS LOAD LIMITER FOR LIFTING EQUIPMENT
- RAPID MOUNTING (also on extant lifting systems)



WIRE ROPE TENSION	kg		EAC	WIRE ROPE DIAMETER	NET WEIGHT OF LOAD CELL (kg)	CODE
up to:	<b>2000</b>	•	•	Ø 6 - 14 mm	2.4	FUN6141T1T
up to:	<b>4000</b>	•	•	Ø 10 - 18 mm	2.4	FUN10182T1T
up to:	<b>10000</b>	•	•	Ø 16 - 26 mm	2.4	FUN16265T2T
up to:	<b>20000</b>	•	•	Ø 24 - 36 mm	7.5	FUN243610T3T
up to:	<b>40000</b>	•	•	Ø 24 - 36 mm	7.8	FUN243620T5T

ON REQUEST

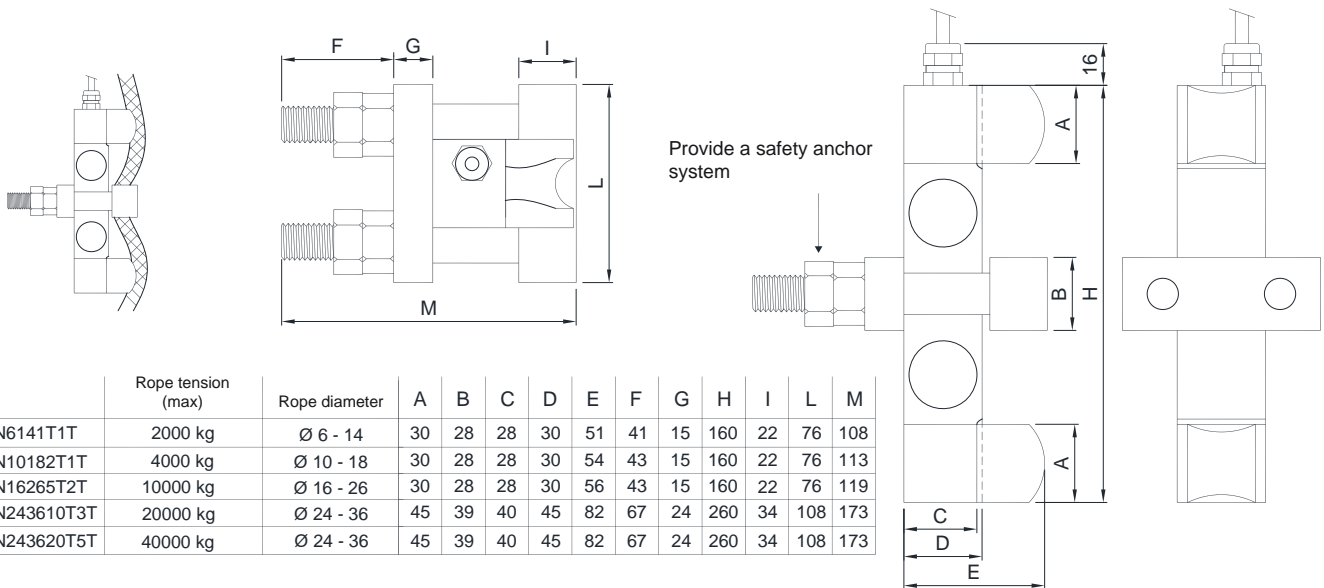
On request: customized load cells according to the relation between tension and rope diameter.

### CERTIFICATIONS

#### CERTIFICATIONS ON REQUEST

	ATEX II 1GD (zone 0-1-2-20-21-22)
	IECEX II 1GD (zone 0-1-2-20-21-22)
	Complies with the Eurasian Custom Union regulations (Russia, Belarus, Kazakhstan)

### DIMENSIONS (mm)



	Rope tension (max)	Rope diameter	A	B	C	D	E	F	G	H	I	L	M
FUN6141T1T	2000 kg	Ø 6 - 14	30	28	28	30	51	41	15	160	22	76	108
FUN10182T1T	4000 kg	Ø 10 - 18	30	28	28	30	54	43	15	160	22	76	113
FUN16265T2T	10000 kg	Ø 16 - 26	30	28	28	30	56	43	15	160	22	76	119
FUN243610T3T	20000 kg	Ø 24 - 36	45	39	40	45	82	67	24	260	34	108	173
FUN243620T5T	40000 kg	Ø 24 - 36	45	39	40	45	82	67	24	260	34	108	173

### TECHNICAL FEATURES

Material	Special steel		
Nominal load (E max)	2000 - 4000 - 10000 - 20000 - 40000 kg		
Combined error	±2%		
Protection class	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 mm <sup>2</sup>

