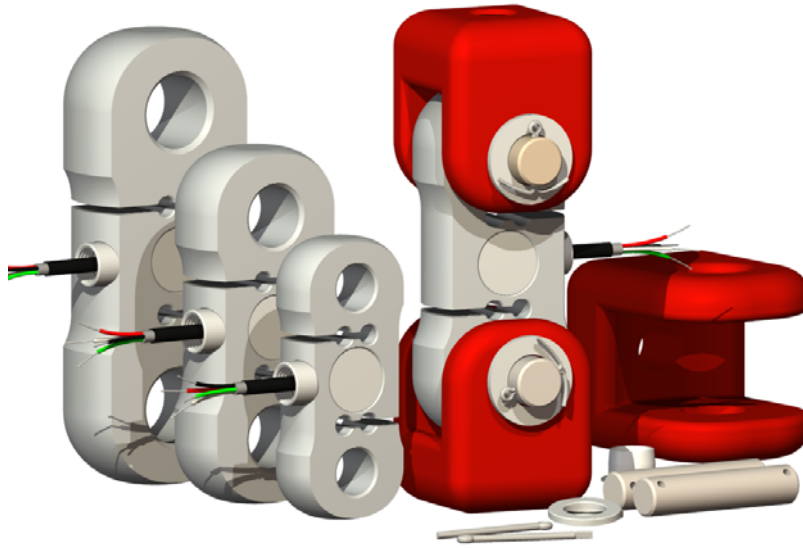


## CTR 0.75 ... 5 t

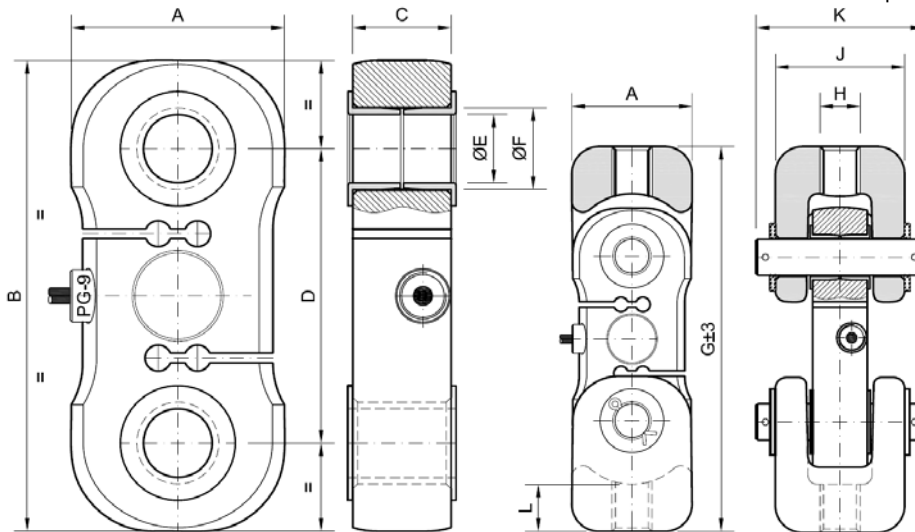


	Nominal load (nL) t					
	0.75	1	1.5	2	3	5
A	52		65		75	
B	114		144		184	
C	24		30		34	
D	75		90		120	
ØE	16		20		25	
ØF	19		25		30	
G	163		212		264	
H <sup>(1)</sup>	M-16		M-22		M-24	
J	50		71		80	
K	66		92		103	
L	17		26		31	

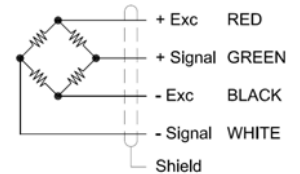
- Load cells specially designed to work in traction, with shear sensor element.
- Equipped with insulating cases of high mechanical resistance.
- It could be used with standard shackles or special clamping systems manufactured in forge (own production) for each capacity.

Dimensions in mm.

(1) Other metric on demand according to customer requirements.



Wiring diagram



### Technical characteristics

Nominal load (nL)	0.75, 1, 1.5, 2, 3, 5 t.	Maximum excitation voltage	12V.
Sensibility	2 mV/V ± 0.1%	Insulation resistance (V. Test = 100V)	>4 GΩ
Tolerance adjust on zero	1.5 % F.S.	Input resistance	380Ω ± 10 Ω
Non linearity	0.020 % F.S.	Output resistance	350Ω ± 1.5 Ω
Histeresys error	0.022 % F.S.	Maximum working load	150 % F.S.
Creep in 30 minutes	0.018 % F.S.	Breaking load	>300% F.S.
Temperature effect on sensitivity	±0.025 % F.S.	Protection class	IP 67
Temperature effect on zero	±0.017 % F.S. / 5°C	Cable type	Flexible, Ø6 4x0.22 mm <sup>2</sup>
Compensated temperature range	-10 ... 40 °C	Cable length	4 m.
Service temperature range	-20 ... 60 °C	Material	Alloy steel
Storage temperature range	-30 ... 70 °C	Surface treatment	Chemical Nikel