



Capacity from 500 kg to 5000 kg



- SPECIAL STEEL
- COMBINED ERROR $\leq \pm 0.02\%$ (0.017% C4; 0.014% C5)
- PROTECTION CLASS IP67

MOUNTING KITS



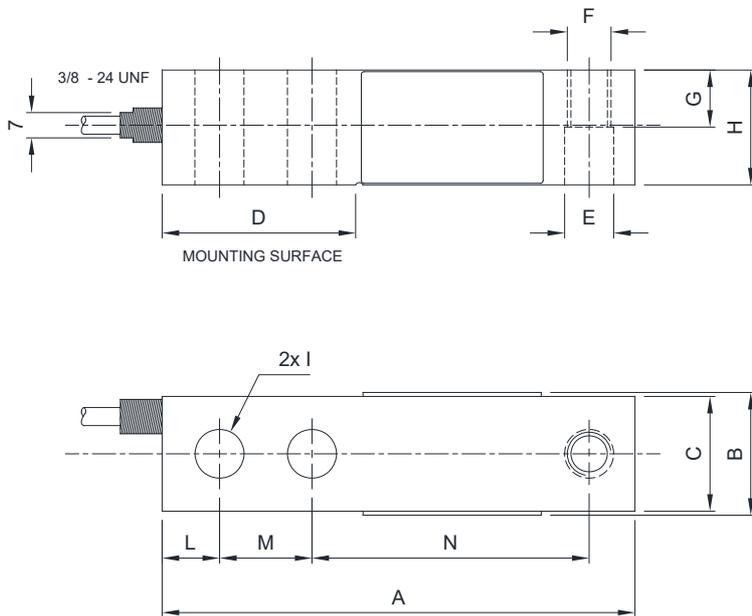
CAPACITY	kg	ACCURACY CLASS			IECEx	Ex	EAC	EAC Ex	NTEP	NET WEIGHT OF LOAD CELL (kg)	CODE
		C3	C4	C5							
500		•	•	•	•	•	•	•	•	0.8	FTKL500
1000		•	•	•	•	•	•	•	•	0.8	FTKL1000
1500		•	•	•	•	•	•	•	•	0.9	FTKL1500
2000		•	•	•	•	•	•	•	•	0.9	FTKL2000
3000		•	•	•	•	•	•	•	•	1.7	FTKL3000
5000		•	•	•	•	•	•	•	•	1.7	FTKL5000

ON REQUEST

CERTIFICATIONS

	OIML R60 C3
	CERTIFICATIONS ON REQUEST
	ATEX II 1GD (zone 0-1-2-20-21-22)
	IECEx (zone 0-1-2-20-21-22)
	OIML R60 C4/C5
	Complies with the Eurasian Custom Union standards
	Complies with the Eurasian Custom Union standards for use in potentially explosive atmospheres
	NTEP - compliant to the metrological standards of United States and Canada

DIMENSIONS (mm)



	500 kg	1000 - 1500 2000 kg	3000 - 5000 kg
A	130	130	171.5
B	-	32.8	39.1
C	31.8	31.8	38.1
D	53.2	53.2	76.2
E	Ø13.5	Ø13.5	Ø19.8
F	M12x1.75	M12x1.75	M18x1.5
G	16	16	19.3
H	31.8	31.8	38.1
I	Ø13.5	Ø13.5	Ø19.8
L	15.8	15.8	19.1
M	25.4	25.4	38.1
N	76.2	76.2	95.3

TECHNICAL FEATURES

Material	Special steel			
	C3 • 3000	C4 • 4000	C5 • 5000	
OIML R60 Accuracy class • Verification intervals	500 - 1000 - 1500 kg 2000 - 3000 - 5000 kg		500 - 1000 kg 1500 - 2000 kg	3000 - 5000 kg
Nominal load (E max)	E max / 10000		E max / 15000	E max / 20000
Minimum verification interval (V min)	E max / 10000		E max / 15000	E max / 18000
Combined error	≤ ±0.02%	≤ ±0.017%	≤ ±0.014%	
Protection class	IP67			
Rated output	3 mV/V ±0.1%	Input resistance	350 Ω ±3.5	
Temperature effect on zero	0.0018% °C	Output resistance	350 Ω ±3.5	
Temperature effect on span	0.0014% °C	Zero balance	≤ ±1%	
Compensated temperature range	-10 °C / +40 °C	Insulation resistance	≥5000 MΩ	
Operating temperature range	-35 °C / +65 °C	Safe overload (% of full scale)	150%	
Creep at nominal load in 30 minutes	0.02%	Ultimate overload (% of full scale)	300%	
Max supply voltage without damage	18 V	Deflection at nominal load	0.4 mm	

ELECTRICAL CONNECTIONS

Cable length	4 m (500-2000 kg); 6 m (3000-5000 kg)
Cable diameter	5 mm
Cores	4/6 x 0.20 mm ²

