



N FTH Shear Beam Loadcell

FEATURES

- Capacity from 5000 kg to 10000 kg
- Special steel
- Combined error $\leq \pm 0.1\%$
- IP68 protection rating



Manufactured according to OIML R60 standards



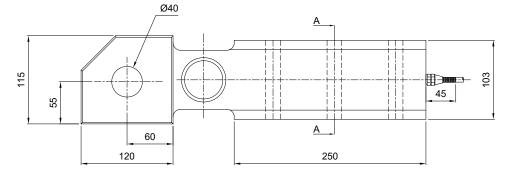
SPECIFICATIONS

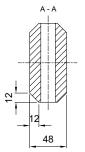
CAPACITY	kg	NET WEIGHT (kg)
5	5000	15.5
10	0000	16.2

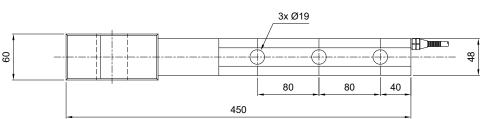
CERTIFICATIONS

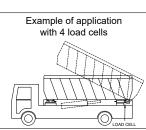
EAL FR	Complies with the Eurasian Customs Union standards Equivalent of the CE marking for the United Kingdom CERTIFICATIONS ON REQUEST
	Linearity test
<mark>€</mark> €	ATEX II 1GD <i>(zone 0-1-2-20-21-22)</i> (CE -UK)
IEĈE X	IECEx (zone 0-1-2-20-21-22)
EHE Ex	Complies with the Eurasian Customs Union standards for use in potentially explosive atmospheres











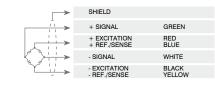
TECHNICAL FEATURES

Material	Special steel	
Nominal load (E max)	5000 - 10000 kg	
Combined error	≤±0.1%	
Protection rating	IP68	

Rated output	1 mV/V ±0.5%	Input resistance	400 Ω ±20
Temperature effect on zero	0.005% °C	Output resistance	352 Ω ±3
Temperature effect on span	0.005% °C	Zero balance	±2%
Compensated temperature range	-10 °C / +40 °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	0.1%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	15 V	Deflection at nominal load	0.4 mm

ELECTRICAL CONNECTIONS

Cable length	10 m
Cable diameter	6 mm
Cores	6 x 0.24 mm ³



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The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification. Althen – Always the right sensor and measurement solution | althensensors.com

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