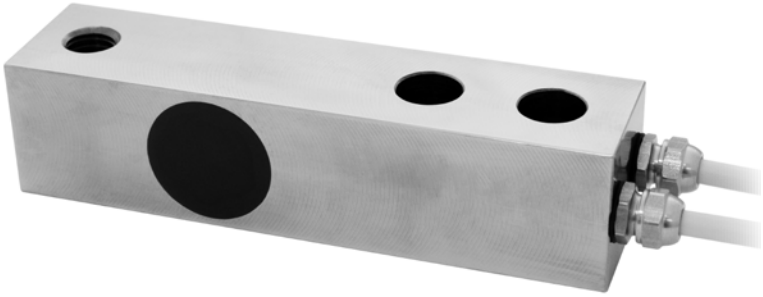
FTPDOP

SHEAR BEAM LOAD CELLS

capacity 6000 kg



capacity 1000 kg



- 17-4 PH STAINLESS STEEL
- COMBINED ERROR ≤ ±0.03%
- IP67 - IP68 PROTECTION RATING
- TWO OUTPUT CABLES FOR DUAL SAFETY SYSTEMS

CAPACITY	kg	NET WEIGHT (kg)
1000		0.93
6000		1.54

CERTIFICATIONS

Complies with the Eurasian Customs Union regulations

Equivalent of the CE marking for the United Kingdom

CERTIFICATIONS ON REQUEST
Calibration report
LAT Accredia calibration certificate ISO 376 or ASTM E74 for capacities from 1000 kg to 10000 kg
ATEX *(zone 2-22)*
ATEX/IECEx *(zone 1-21)*

Rev. 0.0

LAUMAS S.r.l.
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• SALES DEPARTMENT: sales@laumas.it
• Phone: (+39) 0521 683124

FTPDOP

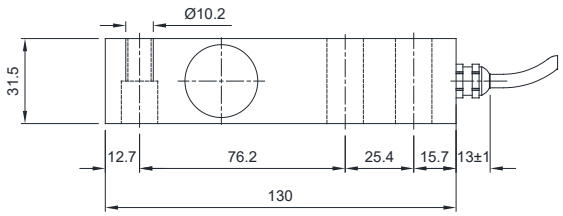
SHEAR BEAM LOAD CELLS

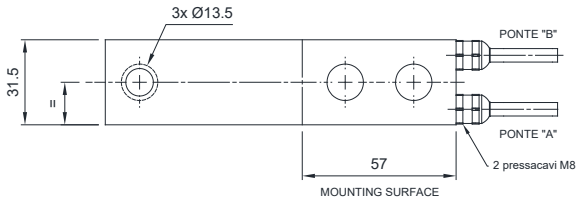
LAUMAS®

DIMENSIONS (mm)

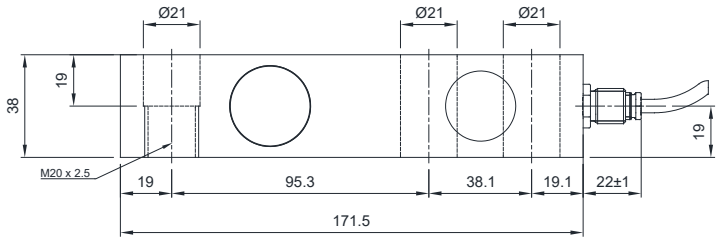


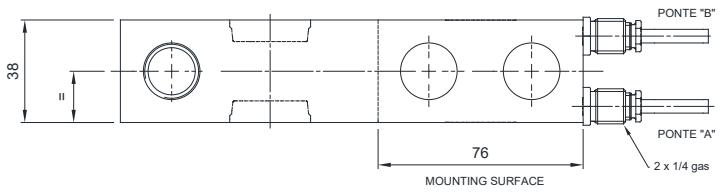
1000 kg





6000 kg





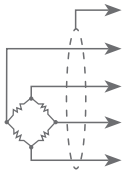
TECHNICAL FEATURES

Material	17-4 PH stainless steel
Nominal load (E max)	1000 - 6000 kg
Combined error	≤ ±0.03%
Protection rating	IP67 (1000 kg) - IP68 (6000 kg)

Rated output	2 mV/V ±0.1%	Input resistance	370 Ω ±10
Temperature effect on zero	0.005% °C	Output resistance	355 Ω ±5
Temperature effect on span	0.005% °C	Zero balance	±2%
Compensated temperature range	-10 °C / +50 °C	Insulation resistance	>5000 MΩ
Operating temperature range	-20 °C / +70 °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	15 V	Deflection at nominal load	0.25 mm

ELECTRICAL CONNECTIONS

Cable length	5 m+5 m (1000 kg); 10 m+10 m (6000 kg)
Cable diameter	5 mm
Cores	6 x 0.25 mm²



SHIELD	
+ SIGNAL	GREEN
+ EXCITATION + REF./SENSE	RED BLUE
- SIGNAL	WHITE
- EXCITATION - REF./SENSE	BLACK YELLOW

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The Company reserves the right to make changes to the technical data, drawings and images without notice.

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ISO 9001
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