



Manufactured according to OIML R60 standards

Capacity 100 kg



- ALUMINUM
- COMBINED ERROR $\leq \pm 0.08\%$
- PROTECTION CLASS IP65
- FLEXIBLE CABLE

CAPACITY	kg	    	NET WEIGHT (kg)	CODE
100		• • •	0.4	LPED100
ON REQUEST				

CERTIFICATIONS



Complies with the Eurasian Customs Union standards

CERTIFICATIONS ON REQUEST



Accredia traceable calibration report



ATEX II 1GD (zone 0-1-2-20-21-22)



IECEx (zone 0-1-2-20-21-22)



Complies with the Eurasian Customs Union standards for use in potentially explosive atmospheres

OPTIONS ON REQUEST

DESCRIPTION



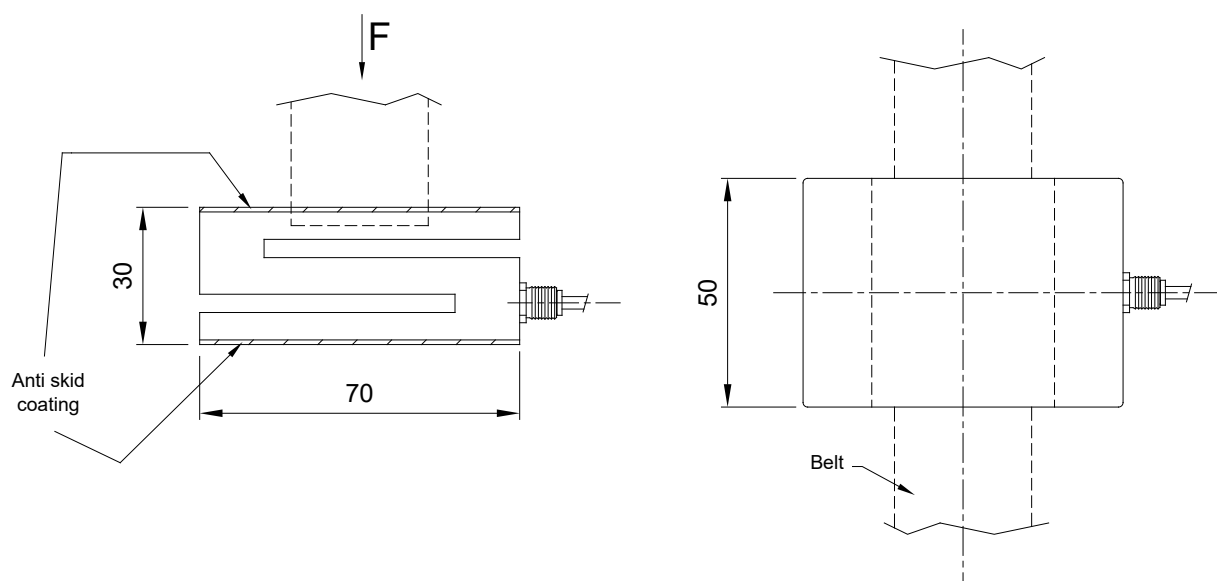
Two redundant strain gauges Wheatstone bridges (350 Ω) with two output cables; for dual safety systems

LPED

COMPRESSION LOAD CELL FOR FOOT BRAKE

LAUMAS®

DIMENSIONS (mm)

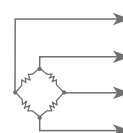


TECHNICAL FEATURES

Material	Aluminum		
Nominal load (E max)	100 kg		
Combined error	$\leq \pm 0.08\%$		
Protection class	IP65		
Rated output	1 mV/V $\pm 0.2\%$	Input resistance	350 $\Omega \pm 50$
Temperature effect on zero	0.005% $^{\circ}\text{C}$	Output resistance	350 $\Omega \pm 5$
Temperature effect on span	0.003% $^{\circ}\text{C}$	Zero balance	$\pm 1\%$
Compensated temperature range	-10 $^{\circ}\text{C}$ / +50 $^{\circ}\text{C}$	Insulation resistance	>5000 M Ω
Operating temperature range	-20 $^{\circ}\text{C}$ / +70 $^{\circ}\text{C}$	Safe overload (% of full scale)	150%
Creep at nominal load in 30 minutes	0.03%	Ultimate overload (% of full scale)	300%
Max supply voltage without damage	15 V	Deflection at nominal load	0.25 mm

ELECTRICAL CONNECTIONS

Cable length	2 m
Cable diameter	5 mm
Cores	4 x 0.25 mm ²



+ SIGNAL	BROWN
+ EXCITATION	BLUE
- SIGNAL	WHITE
- EXCITATION	BLACK