

CFLI-IP67

ASCELL

APPLICATION:

Multi-cell scales

CAPACITY RANGE:

50kg - 100kg - 200kg

MATERIAL:

Stainless Steel

ENVIRONMENTAL PROTECTION:

IP67

APPROVALS:

CE 3000 Div

50 kg : TC6178

100kg & 200 kg : TC6176

OIML 3000 Div - R60/2000-NL 1-03.01

CHARACTERISTICS

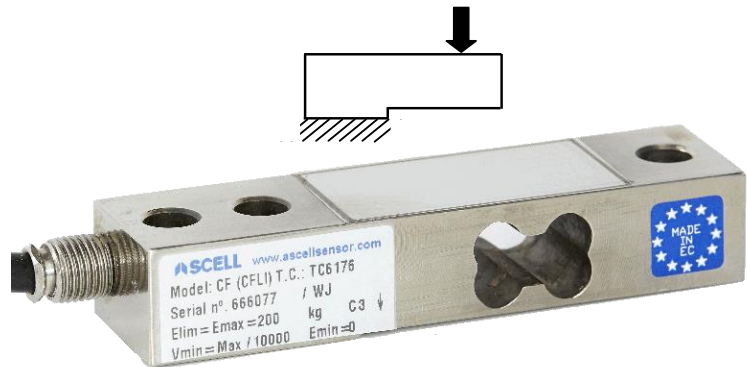
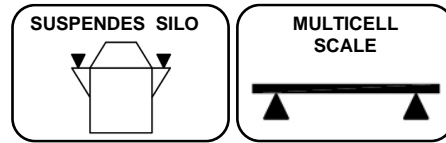
Construction using stainless steel.
High quality protection barrier using special silicones.
Mounting compatibility.

APPLICATIONS

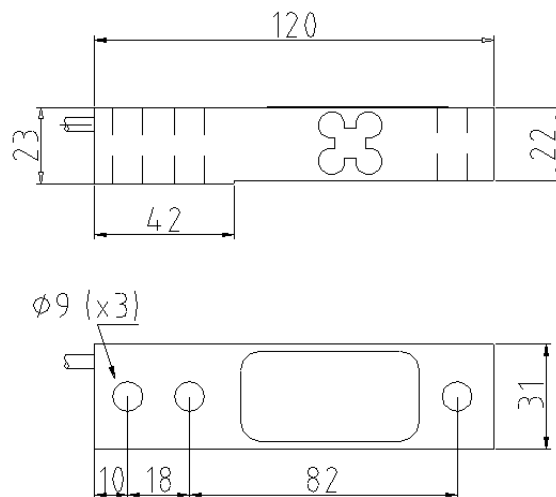
The CFLI model is manufactured to maintain its performance capabilities in the environmental conditions existing in industries, where tasks and cleaning demand a good environmental protection.

OPTIONS

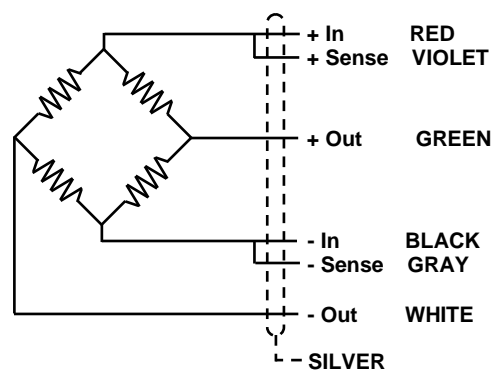
Length of the cable is optional.
Consult for special requirements.



TEFLÓN® protects all the internal cables



Dimensions in mm



www.ascellsensor.com
info@ascellsensor.com

Tel: (+34) 93 776 60 89
Fax: (+34) 93 775 14 72

These specifications are subjected to changes, due to continuous improvement of the design.

ft_en_cfli_251021

GENERAL TECHNICAL CHARACTERISTICS FOR $g= 9,8031 \text{ m/ s}^2$

OIML Class	C3	UNITS
Divisions n_{LC}	3000	
Minimum Dead load E_{min}	0	kg
$Z= E_{max} / 2DR$	3000	
$Y= E_{max} / V_{min}$	10000	
Rated Capacity E_{max}	50 - 100 - 200	kg
Rated Sensitivity C	$2 \pm 0,1 \%$	mV/V
Rated Input Voltage	10	V dc
Input Voltage Range	5...15	V ac/dc
Input Resistance R_{LC}	350 ± 3	Ω
Output Resistance	350 ± 3	Ω
Zero Balance	± 2	% E_{max}
Insulation Resistance at 50 V DC	> 5000	M Ω
Service Overload	> 150	% E_{max}
Overload Limit	> 300	% E_{max}
Temperature Range : Compensated	- 10 ... 40	$^{\circ}\text{C}$
: Operating	- 30 ... 85	$^{\circ}\text{C}$
: Storage	- 30 ... 90	$^{\circ}\text{C}$
Max. Nonlinearity	0,02	% E_{max}
Max. Hysteresis	0,02	% E_{max}
Max. No repeatability	0,01	% E_{max}
M Max. Creep in 4 hours	0,03	% E_{max}
Max. Zero Recovery Test in 1/2 hour	0,011	% E_{max}
Max Temperature effect : On Sensitivity	0,0013	% $E_{max} / ^{\circ}\text{C}$
: On Zero	0,0014	% $E_{max} / ^{\circ}\text{C}$
Weight	525	g
Cable Length	5	m
Environmental Protection	IP67 - DIN 40050	



Ref: 491219
Ref: 491217 (S. Steel)

CFLI-IP68

ASCELL

APPLICATION:

Multi-cell scales

CAPACITY RANGE:

50kg - 100kg - 200kg

MATERIAL:

Stainless Steel

ENVIRONMENTAL PROTECTION:

IP68

APPROVALS:

CE 3000 Div

50 kg : TC6178

100kg & 200 kg : TC6176

OIML 3000 Div - R60/2000-NL 1-03.01

CHARACTERISTICS

Construction using stainless steel.
The laser soldered closing protects from the typical environment in food and chemical industry.
Mounting compatibility.

APPLICATIONS

The CFLI model is manufactured to maintain its performance capabilities in the environmental conditions existing in industries, where tasks and cleaning demand a good environmental protection.

OPTIONS

Length of the cable is optional.

Hostile environmental cable.

ATEX option

EC-Type examination certificate

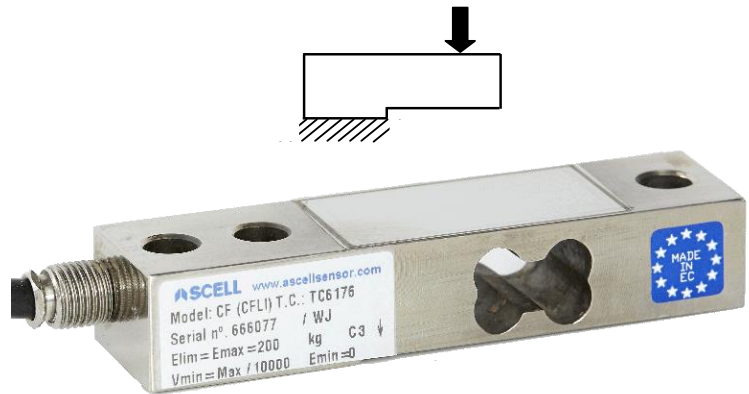
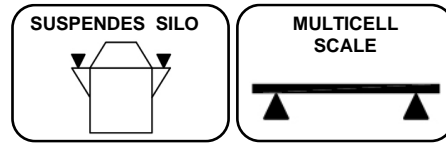
CEC 11 ATEX 040 X according directive 94/9/EC

Ex II 1G EExia IIC T6 (Ta-0÷+40°C)
TX (Ta-20÷+65°C)

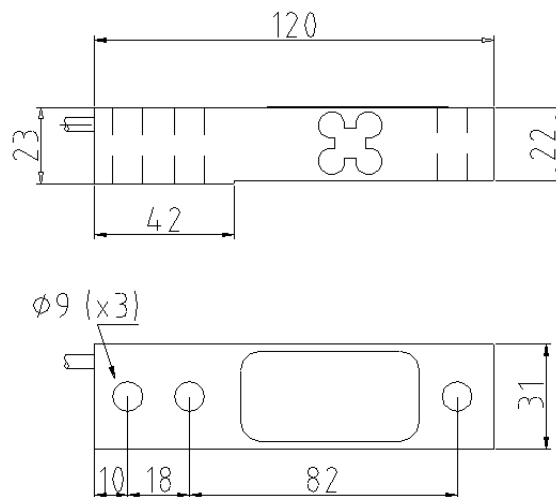
Ex II 1D tD A20 TX°C (Ta-20÷+40°C)
TX°C (Ta-20÷+65°C)

For more information look up the EC-type examination certificate, and documentation.

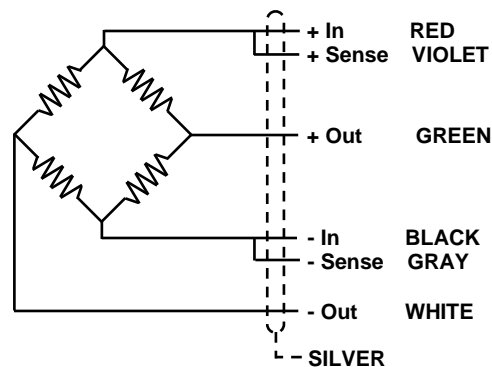
Consult for special requirements.



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Max Temperature effect : On Sensitivity	0,0013	% $E_{max} / ^{\circ}\text{C}$
: On Zero	0,0014	% $E_{max} / ^{\circ}\text{C}$
Weight	525	g
Cable Length	5	m
Environmental Protection	IP68 - DIN 40050 (100h 1m)	

