

CFI-IP68



APPLICATION:

Multi-cell scales

CAPACITY RANGE:

50kg - 100kg - 150kg - 300kg - 500kg

MATERIAL:

Plated Steel

ENVIRONMENTAL PROTECTION:

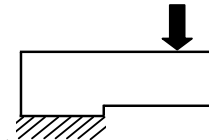
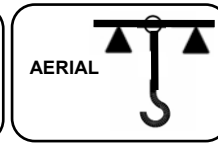
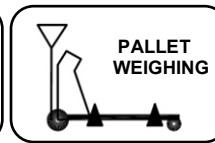
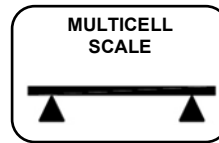
IP67

APPROVALS:

CE 3000 Div - TC6178 for 50kg

CE 3000 Div - TC6176 from 100 to 500kg

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



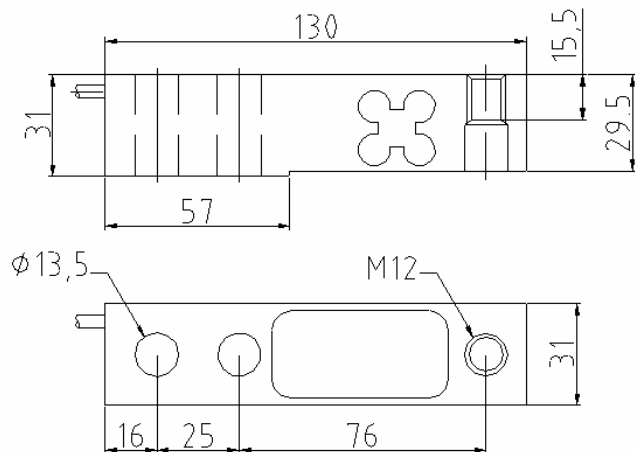
TEFLÓN® protects all the internal cables

CHARACTERISTICS

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

APPLICATIONS

The CFI-IP68 model is manufactured
to maintain its performance capabilities
in the environmental conditions existing
in food industries, where tasks and
cleaning demand a good
environmental protection.
If the required capacities are over
500kg, select the CSI-IP68 model,
which is mechanically compatible and
reaches a 2000 kg capacity.



Dimensions in mm

OPTIONS

Length of the cable is optional.

Hostile environmental cable.

ATEX option

EC-Type examination certificate

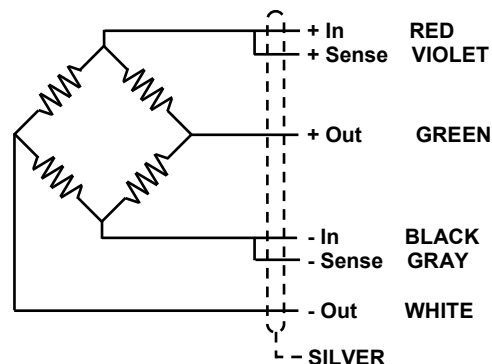
CEC 11 ATEX 040 X according
directive 94/9/EC

Ex II 1G EExia IIC T6 (Ta-20÷+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.



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 - 150 - 300 - 500	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	% Emax
Insulation Resistance at 50 V DC	> 5000	M Ω
Service Overload	> 150	% Emax
Overload Limit	> 300	% Emax
Temperature Range : Compensated	- 10 ... 40	°C
: Operating	- 30 ... 85	°C
: Storage	- 30 ... 90	°C
Max. Nonlinearity	0,02	% Emax
Max. Hysteresis	0,02	% Emax
Max. No repeatability	0,01	% Emax
M Max. Creep in 4 hours	0,03	% Emax
Max. Zero Recovery Test in ½ hour	0,011	% Emax
Max Temperature effect : On Sensitivity	0,0013	% Emax / °C
: On Zero	0,0014	% Emax / °C
Weight	800	g
Cable Length	5	m
Environmental Protection	IP68 - DIN 40050 (100h 1m)	



Ref: 491216
Ref: 491214 (S. Steel)



Ref: 491100A
Ref: 491101A (S. Steel)



Ref: 491220
Ref: 491221 (S. Steel)



Ref: 491106
Ref: 491107 (S. Steel)



Ref: 491209



Ref: 491206



Ref: 491222
Ref: 491223 (S. Steel)

