

Load Cell CFX/eCFX

3 measuring ranges from 20 N up to 200 N

Special Features

- Load Cell for compression forces
- Sensor surface with large area, suitable for soft and/or spherical samples
- Small design for measurements in limited space
- IP 64 protected



Load Cell for Indicator ZTS/ZTA

Model	Capacity	Resolution	Accuracy*
CFX-20N	20 N	0.01 N	± 1.0 % full scale
CFX-50N	50 N	0.01 N	
CFX-200N	200 N	0.1 N	

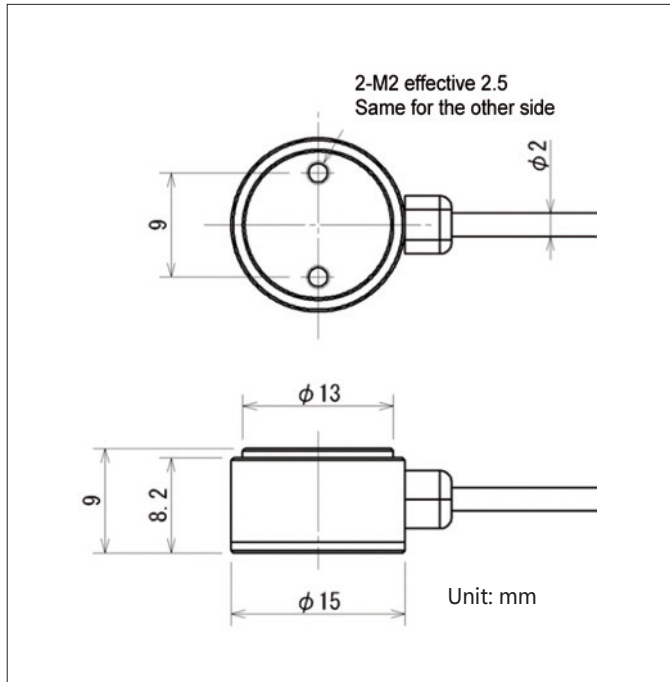
*It is the accuracy of the load cell and indicator combined.

Load Cell for Indicator eZT

Model	Capacity	Resolution	Accuracy*
eCFX-20N	20 N	0.01 N	± 1.2 % full scale
eCFX-50N	50 N	0.01 N	
eCFX-200N	200 N	0.1 N	

*It is the accuracy of the load cell and indicator combined.

Dimensional Drawing



CFX-E - Subject to change without notice.

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Accessories



The fixing belt [FBO-CFX](#) for operativity measurements is optional available.

Specifications	CFX	eCFX
Accuracy: [*]	± 1.0 % full scale or less	± 1.2 % full scale or less
Rated output:	0.5 - 1.0 mV/V (20 N) 1.5 - 2.2 mV/V (50 N/200 N)	—
Recommended Voltage: (Allowable Voltage)	5 - 10 V DC (15 V DC)	—
Overload capacity:	150 %	150 %
Recommended temperature: (Allowable temperature)	-10 - 60 °C -20 - 80 °C	-10 - 60 °C -20 - 80 °C
Cable:	Approx. 3 m	Approx. 3 m
Weight:	Approx. 55 g	Approx. 55 g
Protection rating: ^{**}	IP64	IP64

* It is the accuracy of the load cell and indicator combined.

** Protection rating is only approved for the sensor. The indicator, the connector parts and cable are not secured.