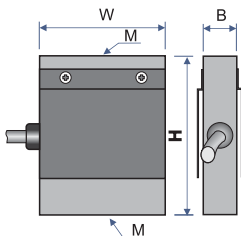




Digital Force Gauge ESP series

Specifications		Technique
Rated Output (mV / V)		2.0±5%
Zero Balance (F.S.)		±2%
Non-linearity (F.S.)		0.03%
Hysteresis (F.S.)		0.03%
Repeatability (F.S.)		0.03%
Creep [30min](F.S.)		0.03%
Temp. Effect (F.S./10°C)		0.025 %
Safe Overload (F.S.)		150%
Input Impedance (Ω)		385±30
Output Impedance (Ω)		350±3
Model	Capacity	Order No.
ESP-F1K-S	1kN	EON 410s0001
ESP-F2K-S	2kN	EON 410s0002
ESP-F5K-S	5kN	EON 410s0005
ESP-F10K-S	10kN	EON 410s0010
ESP-F20K-S	20kN	EON 410s0020

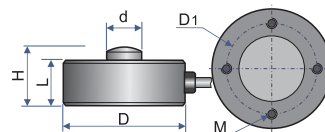


ESP-Fxx-S Load cell (S-beam)

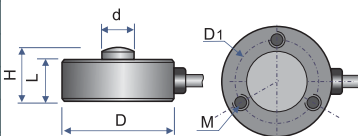


ESP-Fxx-R Load cell (Ring type)

Specifications		Technique
Rated Output (mV / V)		2.0±1%
Zero Balance (F.S.)		±2%
Non-linearity (F.S.)		0.05%
Hysteresis (F.S.)		0.05%
Repeatability (F.S.)		0.05%
Creep [30min](F.S.)		0.05%
Temp. Effect (F.S./10°C)		0.03 %
Safe Overload (F.S.)		150%
Input Impedance (Ω)		385±10
Output Impedance (Ω)		350±3
Model	Capacity	Order No.
ESP-F10K-R	10kN	EON 410r0010
ESP-F20K-R	20kN	EON 410r0020
ESP-F50K-R	50kN	EON 410r0050
ESP-F100K-R	100kN	EON 410r0100
ESP-F200K-R	200kN	EON 410r0200



Specifications		Technique
Rated Output (mV / V)		1.5±10%
Zero Balance (F.S.)		±2%
Non-linearity (F.S.)		0.5%
Hysteresis (F.S.)		0.5%
Repeatability (F.S.)		0.5%
Creep [30min](F.S.)		0.1%
Temp. Effect (F.S./10°C)		0.05 %
Safe Overload (F.S.)		120%
Input Impedance (Ω)		350±30
Output Impedance (Ω)		350±5%
Model	Capacity	Order No.
ESP-F1K-M	1kN	EON 410m0001
ESP-F5K-M	5kN	EON 410m0005
ESP-F10K-M	10kN	EON 410m0010
ESP-F50K-M	50kN	EON 410m0050
ESP-F100K-M	100kN	EON 410m0100



ESP-Fxx-M Load cell (Mini Ring)