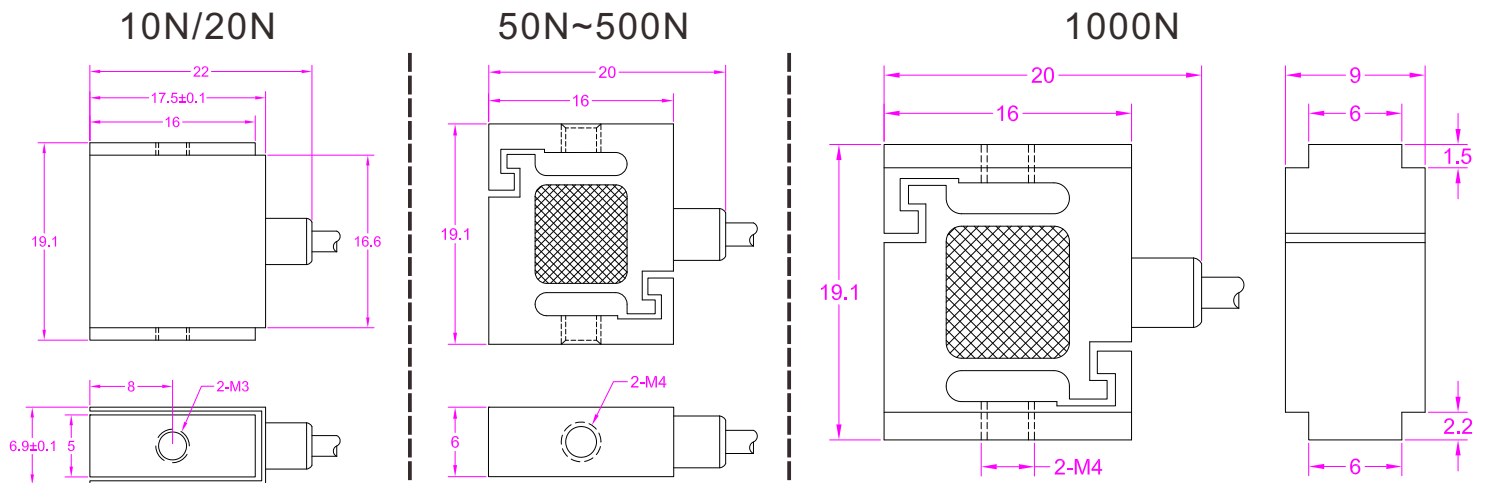
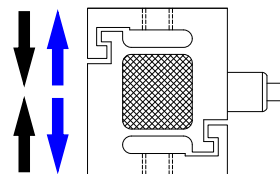


**Ordering code**  
**FSSM-50N**  
Model Capacity

**Load direction**



--- Specifications ---

|                                   |                                 |                       |                        |
|-----------------------------------|---------------------------------|-----------------------|------------------------|
| Capacity                          | 10/20/50/100/200/300/500/1000N  |                       |                        |
| Rated Output                      | 2.0 mV/V                        | Compensated Temp.     | -10...+40℃             |
| Excitation                        | 3~12V                           | Operating Temp.       | -20...+60℃             |
| Zero Balance                      | ±0.1mV/V                        | Temp. Shift Zero      | ±0.03% of R.O./℃       |
| Nonlinearity                      | ±0.1% of R.O.                   | Temp. Shift Span      | ±0.02% of R.O./℃       |
| Hysteresis                        | ±0.1% of R.O.                   | Input Resistance      | 380±30Ω                |
| Nonrepeatability                  | ±0.05% of R.O.                  | Output Resistance     | 352±3Ω                 |
| Creep(5min)                       | ±0.1% of R.O.                   | Insulation Resistance | >2000MΩ(50V)           |
| Safe Overload                     | 150% of F.S.                    | Ingress Protection    | ≤20N IP50<br>≥50N IP62 |
| Ultimate Overload                 | 200% of F.S.                    | Material of Element   | Stainless<br>steel     |
| Cable                             | Ø2*4000mm 4-core shielded cable |                       |                        |
| R.O.=Rated Output F.S.=Full Scale |                                 |                       |                        |

• Subject to change without notice