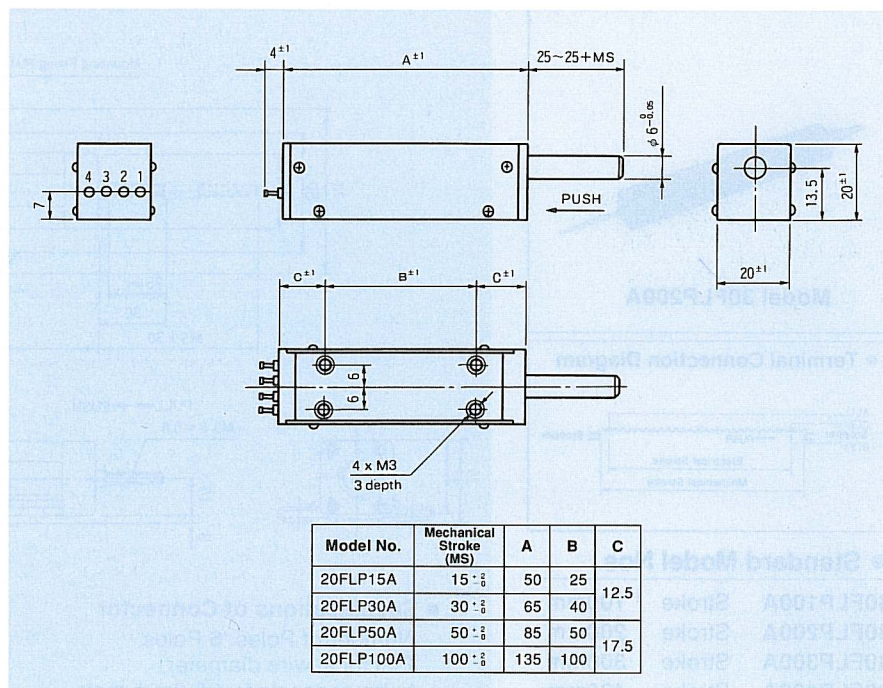
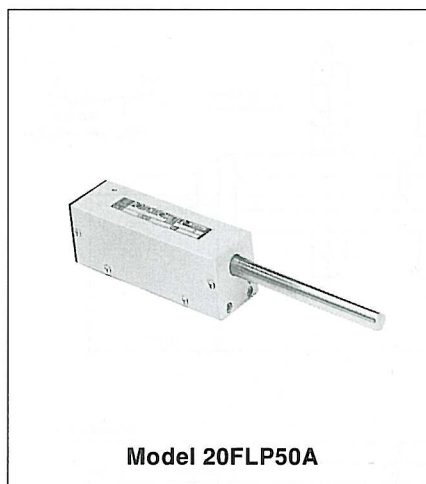


● Standard Dimensions



● Standard Model Nos.

|           |        |       |
|-----------|--------|-------|
| 20FLP15A  | Stroke | 15mm  |
| 20FLP30A  | Stroke | 30mm  |
| 20FLP50A  | Stroke | 50mm  |
| 20FLP100A | Stroke | 100mm |

● General Specifications

| Model No.                          | 20FLP15A                         | 20FLP30A                 | 20FLP50A                 | 20FLP100A                |
|------------------------------------|----------------------------------|--------------------------|--------------------------|--------------------------|
| Standard Resistance Values         | 500, 1k, 2k, 5k, 10k (Ω)         | 500, 1k, 2k, 5k, 10k (Ω) | 500, 1k, 2k, 5k, 10k (Ω) | 1k, 2k, 5k, 10k, 20k (Ω) |
| Total Resistance Tolerance         | ± 10% (K)                        | ± 10% (K)                | ± 10% (K)                | ± 10% (K)                |
| Independent Linearity Tolerance    | Standard Class                   | ± 1.0%                   | ± 1.0%                   | ± 0.5%                   |
|                                    | Precision Class                  | ± 0.5%                   | ± 0.5%                   | ± 0.3%                   |
| Resolution                         | Essentially infinite             |                          |                          |                          |
| Output Smoothness                  | Below 0.1% against input voltage |                          |                          |                          |
| Contact Resistance Variation       | Below 2% C.R.V.                  |                          |                          |                          |
| Power Rating                       | 0.3W                             | 0.6W                     | 0.75W                    | 1.25W                    |
| Electrical Stroke                  | 15 ± 0.5mm                       | 30 ± 0.5mm               | 50 ± 0.5mm               | 100 ± 0.5mm              |
| Mechanical Stroke                  | 15 ± 0.5 mm                      | 30 ± 0.5 mm              | 50 ± 0.5 mm              | 100 ± 0.5 mm             |
| Insulation Resistance              | Over 1,000MΩ at 1,000V.D.C.      |                          |                          |                          |
| Dielectric Strength                | 1 minute at 1,000V.A.C.          |                          |                          |                          |
| Friction                           | Below 0.5N (50gf)                | Below 0.5N (50gf)        | Below 1N (100gf)         | Below 1N (100gf)         |
| Stopper Strength                   | Approx. 90N (9kgf)               |                          |                          |                          |
| Resistance Temperature Coefficient | ± 400p.p.m./°C                   |                          |                          |                          |
| Weight                             | Approx. 50g                      | Approx. 50g              | Approx. 80g              | Approx. 120g             |

● Special Specifications Available

Stroke 150mm (S20FLP150A), Stroke 200mm (S20FLP200A), Extra taps (Available up to 1 tap), With a connector, Spring return device incorporated (Friction is approx. 3N [300gf].), Shaft with front and rear extension (Rear shaft with 4mm dia. and 25mm length), Special machining on the shaft.