



NEW PRODUCT



FD SERIES

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A WORLD OF
SWITCHING CAPABILITIES

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PANEL SWITCHES

PCB SWITCHES

JOYSTICKS

SWITCH PANELS

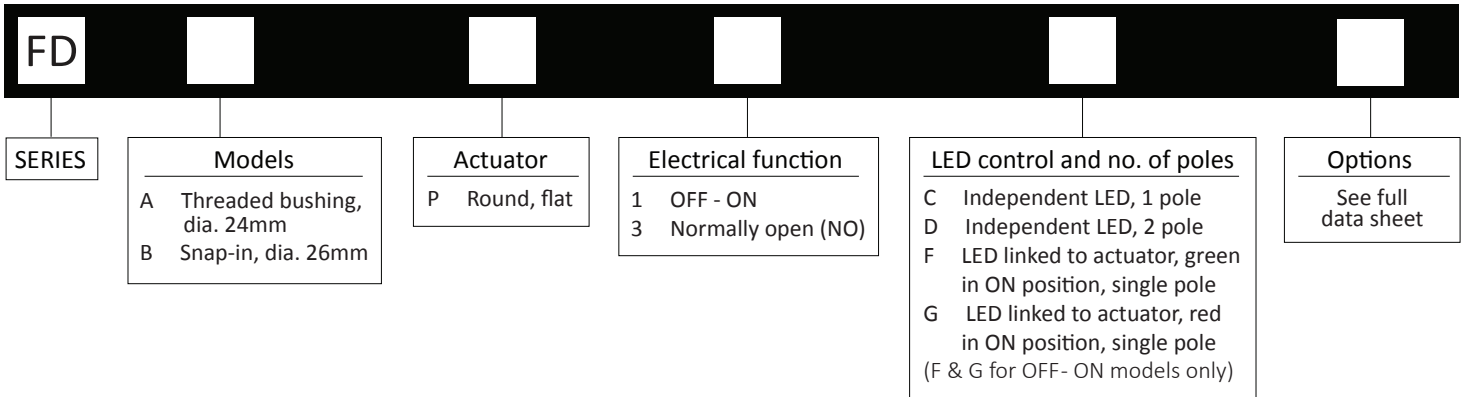
LED INDICATORS

KEY FEATURES

- Double icon illuminated actuator
- Snap-in and threaded bushing models
- Ideal for integrated designs
- Operating temperatures: -40° C to +75° C
- 3 standard legends: 0/1, On/Off, Start/Stop
- Large and lightweight



OPTION SELECTION



GENERAL SPECIFICATIONS

Operating temperature	-	-40° C to +75° C
Panel thickness (snap-in version)	-	1.5 (.059) to 2mm (.078) with panel gasket and 2 (.078) to 2.5mm (.885) without panel gasket
(threaded bushing version)	-	1 (.039) to 18mm (.708) max
Mechanical lifecycle	-	1 million (momentary), 200,000 (latching)
Front panel sealing (snap-in version)	-	IP54 according to IEC 60529 with panel gasket
(threaded bushing version)	-	IP69K according to DIN 40050-9
Total travel	-	2.5mm ± 0.5mm
Typical operating force	-	8N ± 2N
Torque	-	3Nm max applied to nut

ELECTRICAL SPECIFICATIONS

Current /voltage rating with resistive load	-	Silver contacts (code 2): 4A 12VDC
	-	Gold plated contacts (code 4): 200mA 12 VDC
Initial contact resistance	-	50mΩ max
Insulation resistance	-	1 GΩ min at 500VDC
Dielectric strength	-	1,000 Vrms 50 Hz min
Electrical life	-	Gold plated contacts - 1 million cycles (momentary), Silver contacts - 400,000 cycles (momentary), 200,000 cycles (latching)

