



FEMA
ELECTRONICS
CORPORATION



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FEMA Electronics is a leader in front panel integration, offering membrane switches, overlays and silicone rubber keypads at competitive prices. FEMA Electronics also offers semi-finished and turn-key products with membrane switches and overlays.



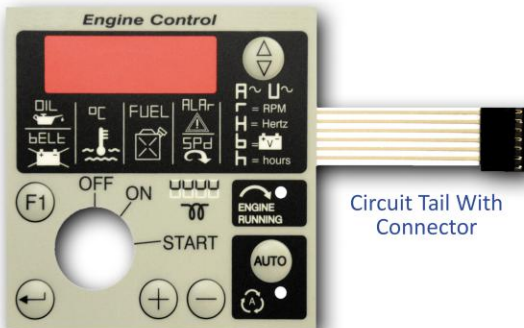
Membrane Switches and Overlays



Matte Finish



Dome Embossed Keys



Color Transparent Window

Circuit Tail With Connector



With Surface Mount LEDs

Technical Capabilities

- Overlay materials available in polyester & polycarbonate with various textures, gloss finishes and velvet/matte finish
- Adhesives suitable for specific applications and temperature ranges
- Various styles of embossing on keys: pillow, rim (border), dome
- Switch type: metal dome (stainless steel) and polydome (mylar dome) for tactile feel
- Surface mount LEDs assembled to circuit layer - standard brightness & superbright
- LEDs available in a variety of colors
- Actuation force can be specified to meet certain applications
- LED & LCD windows can be specified to be clear or color transparent, textured, or add anti-glare finish
- Circuit tail with standard male/female connectors
- Heat seal construction
- Water proof / moisture construction
- Shielding layer: ESD, EMI, RFI
- Membrane switch can be assembled to aluminum panel or plastic backer

Required for Quotation

- Customer's drawing/specifications if available, otherwise:
- Dimensional layout
- Color (pantone#) of keys/legend
- Size of domes (if applicable)
- Embossing instructions (if applicable)
- Tail length & connector information
- Top layer artwork
- Shielding required
- Quantity

Lead Time

- 4 weeks for samples after PO receipt
- Production 4 to 6 weeks after sample approval

Minimum Order

- \$400 per release