



 **70 YEARS**
OF BRAND TRUST BUILT ON QUALITY

 **1,400** EMPLOYEES WORLDWIDE

 **+ 50,000** PART NUMBERS

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MORE THAN 130 DISTRIBUTORS WORLDWIDE
Complete list available on apem.com

www.apem.com



WASHABLE PRODUCTS



SELECTION GUIDE



SEALED, WASHABLE PRODUCT SELECTION GUIDE



SWITCH PRODUCTS

PBA series



- High performance
- Metal surface with ring or dot illumination
- Available in Ø16, 19, 22 or 30mm
- Sealed up to IP68 & IP69K

IA series



- Soft, membrane actuator
- Tactile feedback
- Ø16mm bushing
- Variety of actuator colors
- Front panel sealing up to IP67

IP series



- Solid or illuminated
- Tactile feedback
- Ø12mm bushing
- Variety of actuator shapes and colors
- Front panel sealing up to IP67

IX series



- Solid or illuminated
- Tactile feedback
- Ø12mm bushing
- Variety of actuator colors
- Front panel sealing up to IP67 & IP69K

Controlmec series



- 5-position switch solution with Multimec 5 series
- Panel sealing with 1ZW cap
- Several color & legend options available
- Sealed up to IP67

CP series



- Sensory switch
- Available in Ø16, 19 or 22mm bushing
- No moving mechanical parts
- Momentary or latching
- Sealed to IP68 & IP69K

AV22 series



- Anti-vandal or security
- Several actuator styles
- Momentary or latching
- Marking & Illumination options
- IP67 or IP69K sealing

CG series



- Under panel mounting
- Long life adhesive
- No panel cut-out needed
- Momentary or latching
- Custom colors & markings

FNR series



- Compact, drop-in mounting
- Backlighting & markings available
- SIL2 capable with high B10d value
- Sealed up to IP68 & IP69K

KH series



- Actuation guard
- Solid or illuminated
- Large color selection & laser etched symbols
- Sealed up to IP68 & IP69K

KL series



- Solid or illuminated
- Patented single-sided locking feature
- Large color selection & laser etched symbols
- Sealed up to IP68 & IP69K

MT series



- Rocker / toggle function
- Rated up to 6A 125VAC
- Solder lug / straight PC
- Variety of actuator styles including soft touch
- Sealed up to IP68

Multimec 5 series



- THR or SMT
- 50mA 24VDC
- 10 million lifecycles
- Variety of cap solutions

ES series



- Large emergency stop
- Anodized metal actuator
- Push/pull, ON/OFF function
- Impact resistant to IK10
- Sealed up to IP65, IP67 & IP69K

12000X778 series



- High performance toggle
- MIL-S-3950 & 83731
- Compact behind panel
- 2, 3 or 4 poles
- Sealed up to IP68
- Customizable finish & levers

3500 series



- Industrial toggle
- Single or double pole
- 15/32" bushing
- High current rating
- Sealed up to IP67 / IP69K
- Customizable finish & levers

SEALING BOOT



- Full toggle protection from environmental elements
- Several color options
- Supplied with optional sealing ring or washer

JOYSTICKS

XD series



- Hall effect technology
- SIL 2 compatible
- Resists high axial load (400lbf)
- SAE CAN bus J1939-71
- 10 million lifecycles
- Panel sealed up to IP67 (dependent on configuration)

XF series



- Hall effect technology
- Up to three axis
- CAN bus J1939, CANopen & USB output options
- Panel sealed up to IP67

TS series



- Hall effect technology
- Huge selection of handle & mounting options
- One or two axis
- Pushbutton, LED & USB options
- Panel sealed up to IP67 & IP69K * US patented

HJ series



- Hall effect technology
- One or two axis
- Spring return to center
- Five million lifecycles
- Panel sealed up to IP67

3000 series



- Hall effect technology
- Up to three axis
- <20mm below panel
- All metal mechanism
- Panel sealed up to IP67

NV series



- Switching technology
- 4-way directional plus center pushbutton
- Actuator shape & color options
- Excellent tactile feedback
- Panel sealed up to IP69K

LED INDICATORS

Q12 & Q12.7 INDICATORS



- Prominent, recessed or flush bezels
- Terminals: 2.8 x 0.8 solder lug/faston, pins or 200 mm long wires
- Voltage: 2 VDC - 220 VAC
- Sealing up to IP67 option (EN60529)

QRM 8mm



- Black or anodized aluminum finish
- Rear end epoxy sealed
- IP67 sealing option (EN60529)

CONTROL PANELS

CONTROL SYSTEMS



- Qualified to MIL-S 810-G
- Customizable
- Impact resistant
- Uniform backlighting option
- Sealing up to IP65, IP68 & IP69K

CAN bus Keypad



- Customizable keys
- CAN or standard output options
- Backlit pictograms
- EMC shielded / ESD
- Sealed up to IP65