

APEM

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ONE-STOP SHOP FOR STANDARD AND CUSTOMIZABLE HMIs FOR FORKLIFTS

FORKLIFTS

Imagine forklifts equipped with controls that feel like an extension of the operator's hand—precise, reliable, and built to last. For years, APEM has partnered with international forklift manufacturers to deliver ergonomic, robust, and customizable HMIs. Our extensive range of standard products adapts seamlessly to all vehicles such as reach trucks, pallet trucks, order pickers.



1 HORN SWITCH:
IS series



2 DISPLAY NAVIGATOR:
NV series



3 PADDLE JOYSTICK:
BHN series



4 PARKING BRAKE:
KL series



5 EMERGENCY STOPS:
Standard XW, XA series and custom



6 START AND STOP:
AV series



7 LARGE PUSHBUTTON LINEUP:
I range



8 THUMBWHEELS:
HR and CW series



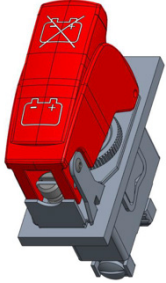
9 CUSTOM JOYSTICKS:
3000 and XP series



STANDARD AND CUSTOMIZABLE HMIs FOR FORKLIFTS

APEM products for battery-related HMI

Battery management requires specific HMIs. APEM can provide you with custom products to help machine operators better understand the level of battery left and disconnect it.



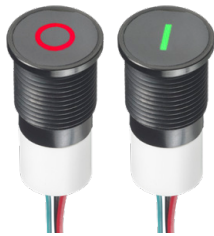
BATTERY DISCONNECTOR



FD/FP SERIES



FNR SERIES

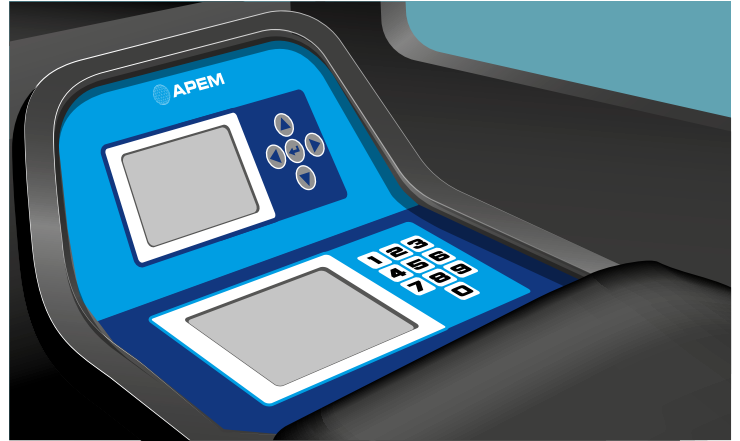


DUAL ICON SERIES

APEM offers customization of

COMPLETE SOLUTIONS

APEM can build custom, ergonomic and safe forklift control panels, including armrests, using specific communication protocols (ex: CANopen) and **SIL2 compliant components**.



JOYSTICKS

We can help you build your custom joystick dedicated to your application and brand. Our experts take into consideration different aspects such **low-effort components**, illumination, costs, electronics or **functional safety**.

Our selection

Custom options available. Please contact APEM for further details.

2-axis joysticks		Pushbuttons			Rocker	E-stops	
XP	3000	IG	IX	FP	KL	XA	EC
IP66	IP66	IPx9K	IP69K	IP69K	IP69K	IP69K	IP65
10M lifecycle	10M lifecycle	1M lifecycle	1M lifecycle	200,000 lifecycle	150,000 lifecycle	250,000 lifecycle	50,000 lifecycle
Lightweight	Depth of <20mm	12mm	12mm	24mm	One protected position	16mm	22mm
CAN J1939 & CANopen	Hall effect sensing	Late customization	Illumination	Illumination	Intuitive ergonomics	1NO-2NC contacts	Integrated connector



Please reach your regular APEM sales contact or visit apem.com.

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