



# APEM

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APEM ROBUST AND USER-FRIENDLY SOLUTIONS PRIORITIZING EASE-OF-USE, PRODUCTIVITY AND SAFETY FOR AWP<sub>s</sub> (AERIAL WORK PLATFORMS), MEWP<sub>s</sub> (MOBILE ELEVATING WORK PLATFORMS)

## AWP<sub>s</sub> AERIAL WORK PLATFORMS & MEWP<sub>s</sub> MOBILE ELEVATING WORK PLATFORMS

In work environments where safety is critical, such as material handling applications, a HMI is more than just a simple product to operate a command; it is a solution designed to ensure seamless and safe maneuvers.



**1 PUSHBUTTONS:**  
IA, AV, IP, IX, IV, IG ...



**2 LED INDICATORS:**  
Q series



**3 ROCKER SWITCHES:**  
KL & KR series



**4 PADDLE:** BHN series



**5 ROBUST IP67/IP69K TOGGLE SWITCHES:**  
CT, 600, 3500 series (with switch guards and sealing boots)



**6 THUMBSTICK 2-AXIS:**  
TS series



**7 ERGONOMIC MID-SIZE JOYSTICKS:**  
XP, HF series



**8 EMERGENCY STOP PUSHBUTTONS:**  
XA, XW, XN...



**9 CUSTOM KEYPADS WITH PCB INCLUDING CANBUS**



# STANDARD AND CUSTOMIZABLE HMIs FOR AERIAL WORK PLATFORMS

Our robust and custom-designed products are engineered to support material handling professionals, offering durability, reliability, and versatility. From managing complex logistics equipment to navigating into regulations as ATEX, our solutions empower users with new features and ergonomic HMIs that prioritize comfort, productivity, and safety. That's why clear and concise information is essential. Our solutions provide real-time status, ensuring operators have the information they need to maximize efficiency and safety. Safety remains our top priority, with our products designed to protect both users and machines to mitigate risk and enhance peace of mind in every operation. Even in the toughest environments, filled with dust, dirt, vibration and UV exposition, our products are designed to withstand the rigours of material handling tasks. In particular, with high visibility in all lighting conditions, our solutions enable operators

to maintain visibility of their maneuvers whether they are working in bright warehouses in poor or non-light environments.

We know the importance of simplified interaction when professionals are wearing gloves or navigating complex workflows. Our HMIs feature large, intuitive buttons that make operation effortless. By keeping controls simple and avoiding unnecessary complexity, we enable users to maximize their efficiency and focus on the task in hand.

At APEM, the user always takes center stage in our product design process. It's more than just about functionality – it's about crafting a complete solution tailored to the specific needs of material handling professionals. This commitment ensures seamless and safe operations, every time. Explore our selection to discover a wide range of customizable products designed with you in mind.

## Our selection

Custom options available. Please contact APEM for further details.

Joysticks 2-axis		Paddle	LED indicator	Toggle switches		Pushbuttons		Emergency Stop Pushbutton
								
<b>XP</b>	<b>HF</b>	<b>BHN</b>	<b>Q14</b>	<b>CT</b>	<b>3500</b>	<b>IA</b>	<b>IX</b>	<b>XW</b>
IP66	IP67	IP67	IP67	IP67	IP69K	IP67	IP69K	IP65
10M lifecycle	5M lifecycle	10M lifecycle	100,000 hours expectancy	100,000 lifecycle	40,000 lifecycle	1M lifecycle	1M lifecycle	250,000 lifecycle
One or two axis	1,2, or 3 axis	Single axis	Led light visible during daylight	Rated up to 10A at 250VAC	-	bushing Ø 16 mm	bushing Ø 12 mm	16mm
Main features								
Analog, or CAN outputs	Analog PWM CAN & USB outputs	Analog or PWM outputs	-	Three terminal options available	Many lever styles available	momentary	Momentary NO or NC/NO	NO/NC
Several handles available	Connectorized housing	Spring or detent options	Flush bezel styles	UL approved	CECC 9600 Approved	Resistant to frost, sand and hydrocarbons	Illuminated option	"Safe break action"



Some of our products can contribute to your safety cases management thanks to their high cycle life, dual channel sensor, redundancy and diagnostic possibilities, and an unique safety mechanisms for our Estop switches.

**Please, consult us for your safety-related topics. Our experts can support you for technical elements you need.**

