

APEM

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SUITABLE FOR HIGH PRESSURE JET WASHDOWN THE Q25 & Q30 ARE A PERFECT FIT FOR MATERIAL HANDLING OR OFF-HIGHWAY VEHICLE APPLICATIONS WHERE REVERSE VOLTAGE AND OVER VOLTAGE PROTECTION IS REQUIRED AND WITH LOW HEAT GENERATION THESE ARE SUITABLE FOR MOUNTING INTO HEAT SENSITIVE PLASTICS.

Q25/Q30 Series

Q25 & Q30 has been designed with a new internal construction making the light output our brightest yet.

IP67 and IP69K sealing (front side) combined with a more advanced voltage range with built-in safety.

PANEL SWITCHES

PCB SWITCHES

LED INDICATORS

JOYSTICKS

SWITCH PANELS



CORE TARGETS

- Oil and gas – critical environments
- Transportation – rail and telematics
- Generators and inverters
- Vehicles
- Food and Beverage
- Port equipment
- Traffic and parking
- Robotics and production line assembly



CUSTOMER BENEFITS

- The indicators are designed and accustomed with vehicle applications, plant machinery and power generation in mind and are internally protected against reverse voltage and transient spikes
- 12 V to 24 V are both AC and DC meaning there is no polarity
- With 6 COB LEDs these are arranged in 3 strings of 2 and each of the 3 strings has one regulator, so is "triple redundant"
- For DC automotive applications the indicators will illuminate at 7.5 V and withstand up to 35 V

END-USER EXPERIENCE

- Long distance and daylight viewing which is clear and unambiguous
- Rear end sealing giving long term protection against extreme environments
- The chamfered stainless steel 316L bezel complete with molded lens gives a premium look and feel whilst providing protection against UV sunlight, water, salt, dust, cleaning fluids, break fluids, bleaches, grease and oil

CUSTOMIZATION POSSIBILITIES

- Custom wire lengths
- Connectors

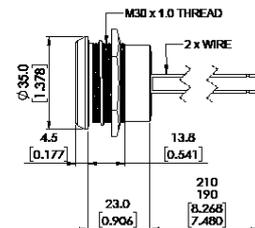
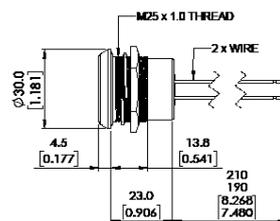
APEM's strength for a full turn-key service offers customers a complete HMI solution.

MAIN FEATURES

- Stainless steel 316L marine grade chamfered bezel
- IP67 & IP69K sealed
- A fresnel lens provides an all-round homogeneous illumination which is perfect for long distance viewing and is also daylight viewable
- Rear end sealed
- Hard wearing 20AWG wires UL1061

TECHNICAL FEATURES

- Bushing diameter 25 mm & 30 mm with chamfered bezel finished in Stainless Steel 316L or Black Anodized Aluminum
- Illuminated by chip on board (COB) construction comprising of x6 single colored SMT LEDs
- Built in failsafe circuits for hazardous or critical applications and 200mm wire 20AWG
- Fresnel lens colors in red, yellow, green, blue and white
- Operating temperature: -40 °C / +85 °C, storage temperature -40 °C / + 100 °C
- Front panel sealing: IP67 & IP69K with rear epoxy sealed bezel



Q25 series: Visit the product web page

Q30 series: Visit the product web page

Q25 series: Download the datasheet

Q30 series: Download the datasheet

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