![J.R. MERRITT CONTROLS logo]

# HS2 JOYSTICK

Designed for the most demanding applications, the HS2 multi-axis joystick offers durability and performance in a robust package. Available with Hall-Effect, CAN, ProfiBus, ProfiNet & 4-20mA outputs, the HS2 can be configured to a broad range of applications.

# SPECIFICATIONS

## GENERAL DATA

| | |
|---|---|
| # of Axis | Single, Dual or Three* <br> *Third axis is achieved via a twist handle function or thumbwheel. |
| Output Options | Hall-Effect, CANOpen, J1939, ProfiBus-DP, ProfiNet, 4-20mA |
| Joystick Action | Spring Return |
| Handle Travel | +/- 20 degrees each axis |
| Gate | Open or Cross |
| Handle Compatibility | MG1, MG2, MG9, MG13, MG25, G56, G58, FG-2, FG-4, RH, RHS |
| Life | 5 million cycles |
| Materials | Metal housing and stainless steel components. |

## MOUNTING DATA

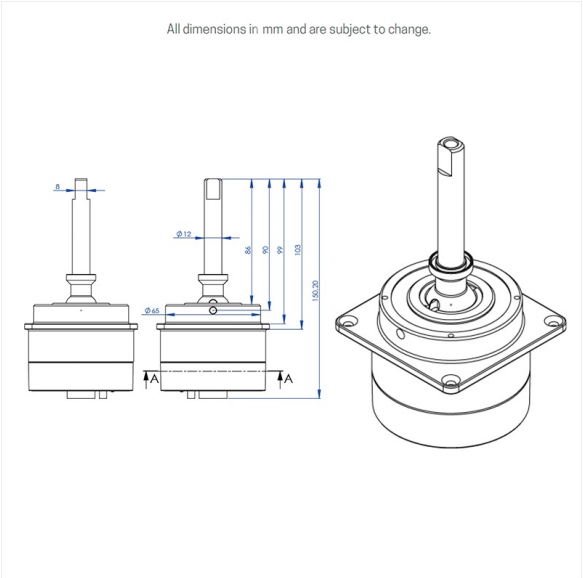| | |
|---|---|
| Mounting Style | Drop-in or Panel (from below) |
| Mounting Footprint | 1.73" x 1.73" Panel mount (standard) <br> 3.6" x 3.6" Drop-in mount (required for fighter grip handles) <br> See literature for additional mounting specifications |

## ENVIRONMENTAL DATA

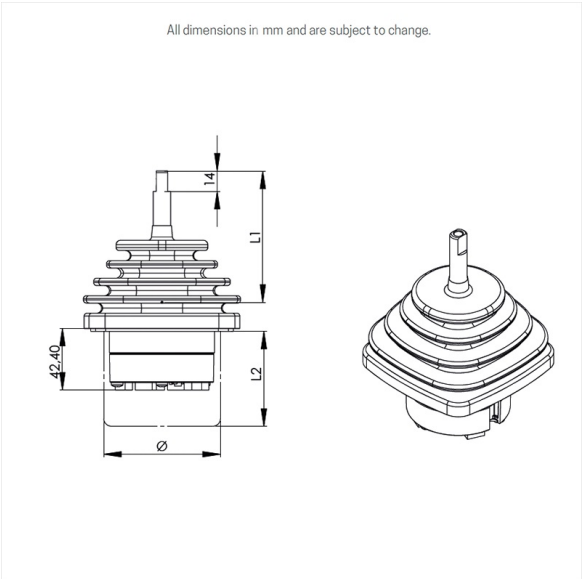| | |
|---|---|
| IP Rating | IP65 |
| Operating Temperature | -40° to +158° F [-40° to +70° C] |
| Storage Temperature | -58° to +194° F [-50° to +90° C] |

## ELECTRICAL DATA

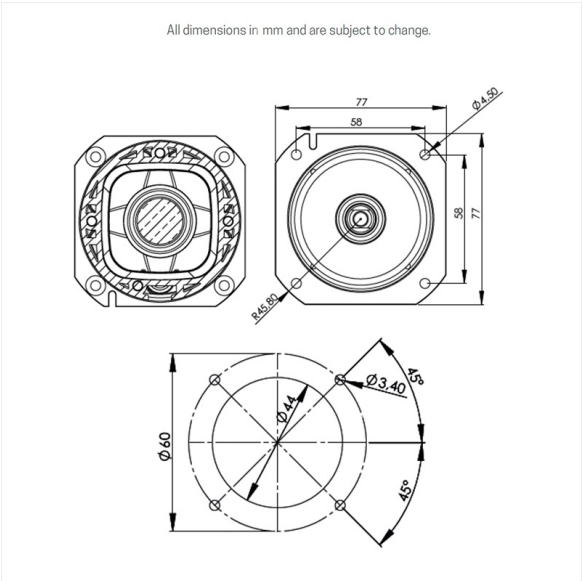| | |
|---|---|
| Additional Specifications | Reference product literature for additional specifications |

# Technical Drawings

**Dimensional**



HS2 Joystick dimensions for panel (from below) mounting style (canister depth subject to change based on output type, see literature for more details)
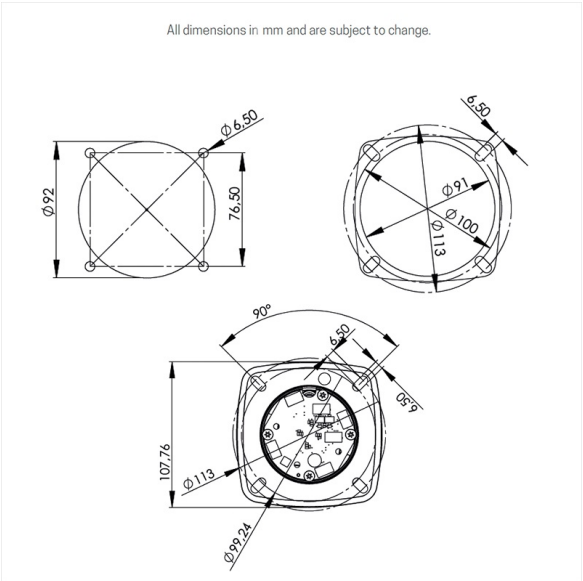


HS2 Joystick dimensions for drop-in (from above) mounting style (canister depth subject to change based on output type, see literature for more details)

**Mounting**



Mounting dimensions for panel (from below) mounting style



Mounting dimensions for drop-in (from above) mounting style