

Multi-Axis Controller  
V22





The V22 is a joystick commonly used in electro-hydraulic applications. Long life and high reliability is ensured by the latest contactless hall-technology.

Technical data

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Mechanical life V22   | 3 million operating cycles                                       |
| Operation temperature | -40°C to +85°C                                                   |
| Degree of protection  | IP67 front                                                       |
| Functional safety     | PLd compatible (EN ISO 13849, complies SIL2 to DIN EN IEC 61508) |

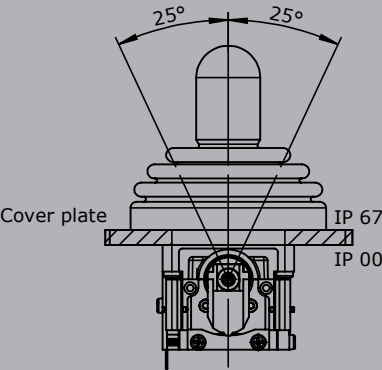


|                                                          |                                                                           | V22A    | -P | D          | -E10321 | -X |        |
|----------------------------------------------------------|---------------------------------------------------------------------------|---------|----|------------|---------|----|--------|
|                                                          |                                                                           | Example |    |            |         |    |        |
| Basic unit                                               |                                                                           |         |    |            |         |    |        |
| V22.1A                                                   | Multi-Axis Controller, 1-axis with spring return, installation from below |         |    |            |         |    |        |
| V22A                                                     | Multi-Axis Controller, 2-axis with spring return, installation from below |         |    |            |         |    |        |
| V22.1B                                                   | Multi-Axis Controller, 1-axis with spring return, installation from top   |         |    |            |         |    |        |
| V22B                                                     | Multi-Axis Controller, 2-axis with spring return, installation from top   |         |    |            |         |    |        |
| Gate                                                     |                                                                           |         |    |            |         |    |        |
| P                                                        | Cross gate                                                                |         |    |            |         |    |        |
| P X                                                      | Special gate                                                              |         |    |            |         |    |        |
| Grip                                                     |                                                                           |         |    |            |         |    |        |
|                                                          | Knob (standard)                                                           |         |    |            |         |    |        |
| D                                                        | Push button                                                               |         |    |            |         |    |        |
| GS9                                                      | Hall-twist grip with spring return                                        |         |    |            |         |    |        |
| GS9-D                                                    | Hall-twist grip with spring return and push button on top                 |         |    |            |         |    |        |
| Interface                                                |                                                                           |         |    |            |         |    |        |
| Voltage output                                           |                                                                           |         |    |            |         |    |        |
| 0,5...2,5...4,5 V redundant, Ub= 5 V                     | 1 axis                                                                    |         |    |            |         |    | E103 1 |
|                                                          | 2 axis                                                                    |         |    |            |         |    | 2      |
|                                                          | Characteristic:                                                           |         |    |            |         |    |        |
|                                                          | Inverse dual (standard)                                                   |         |    |            |         |    | 1      |
|                                                          | Dual                                                                      |         |    |            |         |    | 2      |
| Special model                                            |                                                                           |         |    |            |         |    |        |
| X                                                        | Special / customer specified                                              |         |    |            |         |    |        |
| Attachments                                              |                                                                           |         |    |            |         |    |        |
| Mating connector JST 8-pole                              |                                                                           |         |    | 5300000260 |         |    |        |
| Mating connector JST 8-pole with single wire 500 mm long |                                                                           |         |    | 5300000261 |         |    |        |

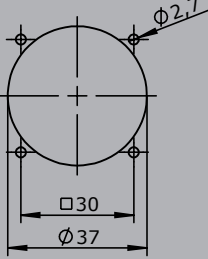
Technical details may vary based on configuration or application! Technical data subject to change without notice!

V22A

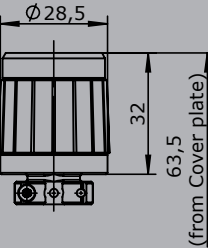
Installed from below



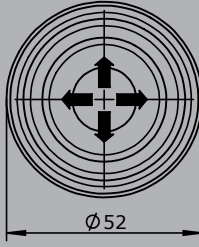
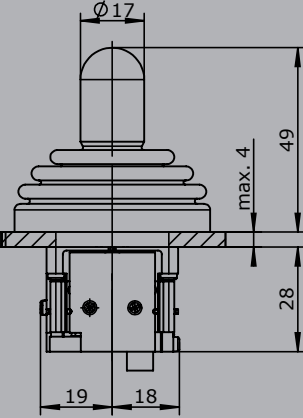
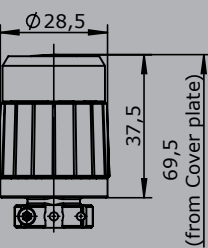
Hole pattern  
(installed from below)



Twist grip

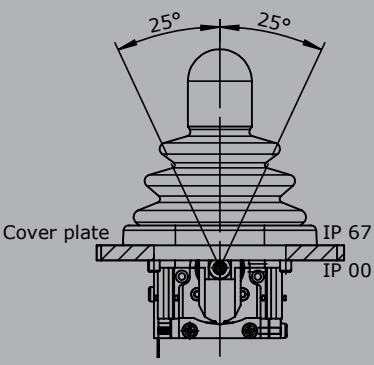


Twist grip  
with Push button



V22B

Installed from the top



Hole pattern  
(installed from the top)

