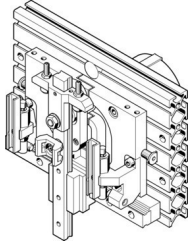


# Handling module HSP-12-AP-WR

Part number: 533603

FESTO



## Data sheet

| Feature                                      | Value   |
|--|---|
| Size   | 12  |
| Max. Z stroke waiting position               | 15 mm   |
| Y stroke                                     | 52 mm...68 mm   |
| Z stroke                                     | 20 mm...30 mm   |
| Z stroke, working stroke                     | 15 mm   |
| Cushioning                                   | Shock absorber at both ends<br>Soft characteristic curve  |
| Mounting position                            | Guide rail<br>Vertical  |
| Mode of operation                            | Double-acting   |
| Design                                       | Cross guide<br>Swivel module<br>Wait position module optionally on left<br>Force pilot operated motion sequence |
| Position detection                           | Via proximity switch  |
| Protection against torque/guide              | Cross guide   |
| Operating pressure                           | 4 bar...8 bar   |
| Min. cycle time                              | 0.6 s   |
| Repetition accuracy                          | ±0.01 mm  |
| Operating medium                             | Compressed air to ISO 8573-1:2010 [7:-:-]   |
| Note on operating and pilot medium           | Lubricated operation possible (in which case lubricated operation will always be required)                      |
| LABS (PWIS) conformity                       | VDMA24364-B2-L  |
| Ambient temperature                          | 0 °C...60 °C  |
| Max. torque Mx dynamic                       | 1.1 Nm  |
| Max. torque Mx static                        | 5 Nm  |
| Max. torque My dynamic                       | 1.1 Nm  |
| Max. torque My static                        | 5 Nm  |
| Max. torque Mz dynamic                       | 1.1 Nm  |
| Max. torque Mz static                        | 5 Nm  |
| Max. effective load                          | 0.5 kg  |
| Theoretical force at 0.6 MPa (6 bar, 87 psi) | 40 N  |
| Product weight                               | 1900 g  |

| <b>Feature</b>                        | <b>Value</b>                       |
|---------------------------------------|------------------------------------|
| Mounting of front unit                | With through-hole                  |
| Type of mounting                      | With through-hole<br>Via slot nuts |
| Pneumatic connection waiting position | M3                                 |
| Pneumatic connection                  | M5                                 |
| Material base plate                   | Wrought aluminium alloy            |
| Material cross-guide                  | Tempered steel                     |
| Material side components              | Wrought aluminium alloy            |