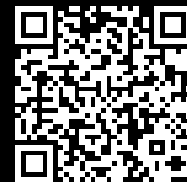


# Rittal – The System.

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## AS 4055.912

## Perforex Milling Terminal MT 1101 S

State: 02/08/2025 (Source: [rittal.com/gr-en](http://rittal.com/gr-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

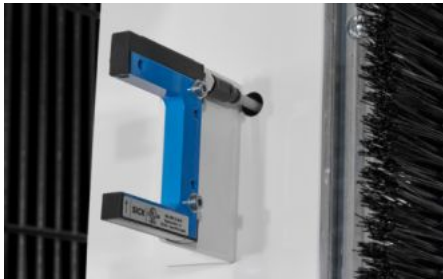
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# AS 4055.912 - Perforex Milling Terminal MT 1101 S

US version – The Perforex Milling Terminal is a 4-axis CNC machine used for modifying standard enclosures. It provides automated machining of enclosure panels and cubic parts e.g. for holes, threads and cut-outs. The Perforex Milling Terminal 1101 is an inexpensive entry-level solution for automated component modification. Fast, simple machining of nearly all compact and large enclosures.



## Features

|                     |   |
|---------------------|---|
| Model No.           | AS 4055.912   |
| Design              | Enclosure panel machining<br>Enclosure machining<br>Patented pressure plate with integral extraction of the milling swarf<br>High-performance spindle including minimal quantity lubrication<br>Automatic tool testing<br>DIN tools<br>Pneumatic clamping device<br>US version  |
| Product description | The Perforex Milling Terminal is a 4-axis CNC machine used for modifying standard enclosures. It provides automated machining of enclosure panels and housings e.g. for holes, threads and cut-outs. The Perforex Milling Terminal 1101 is an inexpensive entry-level solution for automated component modification. Fast, simple machining of nearly all compact and large enclosures. |

# Features

|   |  |
|---|--|
| Benefits  | <p>Fast return on investment (ROI) and significantly enhanced competitiveness</p> <p>Short throughput times with consistently high machining quality</p> <p>Wire consistency with network-based software</p> <p>Easy to use with a clearly organised HMI and 24-inch screen</p> <p>Automatic tool change and integral tool length measurement</p> <p>Automatic swarf extraction when drilling and milling</p> <p>The high-performance spindle allows fast, precise, reliable machining</p> <p>Intuitive clamping system with pneumatic clamping device, optimised for enclosure components</p> |
| Supply includes                                 | The Perforex MT S is configured on a project-specific basis  |
| Machinable material                             | <p>Aluminium</p> <p>Steel</p> <p>Stainless steel</p> <p>Plastic</p> <p>Copper</p>  |
| Machine options                                 | 2 additional zero points for multi-part machining 4050.110   |
| Machine controller                              | <p>Order management with the Rittal Panel Processing Center (RiPPC)</p> <p>Operation with Rittal HMI</p>   |
| Safety  | <p>Security fence to DIN EN ISO 13857</p> <p>Optical protective device in front of and behind the machine</p> <p>Reliable braking of the axes even in the event of a power failure</p>   |
| Interfaces                                      | <p>Rittal Panel Processing Center (RiPPC)</p> <p>EPLAN Pro Panel</p> <p>Rittal Configuration System</p> <p>Import of DXF data</p>  |
| Note  | We reserve the right to make technical modifications   |
| Compressed air connection                       | 6 bar  |
| Weight of workpiece, panel machining (max.)     | 200 kg   |
| Weight of workpiece, enclosure machining (max.) | 200 kg   |
| No. of tool slots                               | 18   |
| Machining accuracy                              | ± 0.2 mm   |

# Features

|   |  |
|---|--|
| Speed X/Y-axis                                | 60,000 mm/min  |
| Speed Z-axis                                  | 12,000 mm/min  |
| Spindle speed (max.)                          | 21,000 rpm   |
| Spindle performance (max.)                    | 11 kW  |
| Control voltage (DC)                          | 24 V   |
| Rated current max.                            | 6.2 A  |
| Rated operating voltage                       | 3L, 400 - 480 V / 230 - 277 V, 50/60 Hz                |
| Machining speed (max.)                        | 1,500 mm/min   |
| Dimensions of clampable enclosures min.       | Width: 100 mm<br>Height: 100 mm<br>Depth: 140 mm       |
| Dimensions of clampable enclosures max.       | Width: 1,200 mm<br>Height: 1,400 mm<br>Depth: 1,400 mm |
| Dimensions of clampable enclosure panels min. | Width: 100 mm<br>Height: 100 mm<br>Depth: 1.25 mm      |
| Dimensions of clampable enclosure panels max. | Width: 2,450 mm<br>Height: 1,500 mm<br>Depth: 5 mm     |
| Maximum machinable area for enclosure panels  | Width: 2,200 mm<br>Height: 1,500 mm                    |
| Maximum machinable area for enclosures        | Width: 750 mm<br>Height: 1,400 mm                      |
| Packs of                                      | 1 pc(s).   |
| Net weight                                    | 1600   |
| Gross weight                                  | 1600   |
| Customs tariff number                         | 84571090   |
| EAN   | 4028177971455  |