

## TMM4250 PinStamp® Systems Designed for Tough Environments

The fully-sealed TMM4250 multiple-pin marking system, with up to four pins in a variety of arrangements, is designed for use in wet and dirty environments. With the outstanding marking speeds from the four-pin configuration and a compact size, the TMM4250 is easily integrated into a wide range of manufacturing settings.



### The TMM4250 is built to last

- The pin cartridge is surrounded by a rubber boot for protection against solid and liquid contaminants, including machine tool coolants
- All potential openings are sealed, resulting in a NEMA 13 (IP65) rating

### The TMM4250 is built around Telesis's patented "floating pin" pneumatic design

- Accommodates surface irregularities up to 6.5mm (0.25")
- Available with up to four high-speed 25S pins or two deep-marking 150SA pins

### The TMC420 controller creates a self-contained system

With PC-free operation, the TMC420 is designed for ease of integration, programming, and communications. Upgrading to the TMC420P (panel-mount) TMC420N (NEMA enclosure) options gives a complete NEMA 12 (IP 65) package capable of performing in challenging environments.



### Other options available for the TMM4250 include

- Start-print footswitch and pushbutton station
- Marking head extension cables
- Bar code scanner kit for data entry
- PC-based logo/font design, pattern backup, and upgrade software
- Panel-mount (TMC420P) and NEMA enclosure (TMC420N) controllers



The TMM4250 contains Data Matrix® 2-D code marking capability, meeting all US Department of Defense UID requirements and other industry standards.

## SPECIFICATIONS

### TMM4250 Marking Head

<b>Marking Window</b>	24 x 13mm (0.94 x 0.5") – w/ four 25S pins 48 x 12mm (1.89 x 0.5") – w/ four 25S pins or two 150SA pins
<b>Maximum Marking Speed</b>	8 characters/second – 3mm high 5x7 dot matrix characters w/25S pin
<b>Marking Pin Type</b>	Pneumatic w/air return
<b>Head Weight</b>	2.2 kg (4.9 lbs.)
<b>Pin Types</b>	25S and 150SA
<b>Head Enclosure Rating</b>	IP65 (NEMA 13)
<b>Air Requirements</b>	4.2 – 8.3 bars (60 – 120 psig), clean and dry

### TMC420 Controller

<b>Size (L x W x H)</b>	317 x 203 x 71mm (12.5 x 8 x 2.8")
<b>Weight</b>	2.15 kg (4.75 lbs.)
<b>Memory</b>	Store up to 75 pattern files
<b>Keyboard</b>	Sealed and integrated
<b>Enclosure Rating</b>	IP30 (NEMA 1) – TMC420, IP65 (NEMA 12) – TMC420N or TMC420P appropriately installed
<b>Operating Temperature</b>	0° – 50°C (32° – 122°F) (head and controller)
<b>Power Requirements</b>	95 – 130 VAC or 200 – 250 VAC, 50 – 60Hz, single phase
<b>Communications</b>	Serial port (RS-232 or RS-485), discrete I/O (12 – 24 VDC), TTL start/abort
<b>Compliance</b>	CE, UL, CSA



TMC420



TMC420P Panel-Mount



TMC420N Nema Enclosure

### Each TMM4250 comes standard with the following

- Marking head
- Pin cartridge and marking pins
- Marker cable with quick-disconnect (4m/13 ft. long)
- Filter/regulator unit with 4mm air lines (3.6m/12 ft.) to marking head
- TMC420 controller with power cable
- Setup, operation, and maintenance manuals on CD-ROM

**Telesis Technologies, Inc.** • Tel +1-740-477-5000 • [www.telesis.com](http://www.telesis.com)

**Germany** • +49 (0) 2191 60908-0 • [info@telesistech.com](mailto:info@telesistech.com)

**UK** • +44 (0) 1297 551313 • [sales-uk@telesistech.com](mailto:sales-uk@telesistech.com)

**France** • +33 (0)1 60.42.88.19 • [ventes@telesistech.com](mailto:ventes@telesistech.com)

**Netherlands and rest of Europe** • +31 (0)10 462 2136 • [sales-europe@telesistech.com](mailto:sales-europe@telesistech.com)

**China** • +86-021-33933851 • [sale.china@telesischina.com](mailto:sale.china@telesischina.com)

**Taiwan** • +866-7-3686678 • [sales.taiwan@telesistech.com](mailto:sales.taiwan@telesistech.com)