

MASTERFLEX®

Masterflex® Drives with Advanced Networking and Communication

Faster, less expensive automation integration—no gateways or adapters needed

- Native Ethernet/IP or Profibus communication—no additional hardware or firmware required
- Includes .EDS or GSD standard text files for upload
- Bluetooth Low Energy (BLE) connectivity and iOS-based mobile app permit local pump monitoring and control
- Cloud-based remote pump monitoring capability provides operational status and alerts
- Compatible with most of today's advanced automation control systems, such as Allen-Bradley®, Siemens®, Emerson®, and Honeywell®

Take control of your process with Masterflex L/S® and I/P® drives with advanced networking and communication. All units are equipped with Masterflex open-head sensor technology, can accept the full range of Masterflex L/S or I/P pump heads, and use tubing from the broadest selection of performance materials in the industry. The drives are ideal for industrial networking, bioprocessing, plant automation, or water/wastewater applications.

Ask about upgrade incentives for your currently installed pumps. Go to Masterflex.com/Masterflex-comms or contact our Applications Specialists for details.



1-800-637-3739

Masterflex.com

A. L/S Network-Compatible Digital Drives

- Graphical LCD shows four operating modes: continuous run, time dispense, copy dispense, and volume dispense. View pump performance continually
- Antidrip function ensures dispensing accuracy
- Interface drive to your PC via RJ45 or USB connector
- Open-head sensor stops the drive motor when pump head is opened—pair with an open-head sensor equipped pump head



B. L/S Network-Compatible Digital Process Drives

- IP66 and NEMA 4X rated sealed housing and keypad are protected from dust and water in the washdown environment—simply hose down to clean
- Graphical LCD shows six different parameters: motor rpm, flow rate, dispense volume, cumulative volume, dispense interval time, and copy numbers
- Dispense by: volume, copy, or time with programmable delay interval
- Open-head sensor stops the drive motor when pump head is opened—pair with an open-head sensor equipped pump head



C. I/P Network-Compatible Digital Process Drives

- IP66 and NEMA 4X rated sealed housing and keypad are protected from dust and water in the washdown environment—simply hose down to clean
- Graphical LCD shows four operating modes: continuous run, timed dispense, copy dispense, and volume dispense
- Dispense by volume, copy, or time with programmable delay intervals
- Open-head sensor stops the drive motor when pump head is opened—pair with an open-head sensor equipped pump head



Masterflex Advanced Digital Networking Drives

| rpm | Speed control (resolution) | Open-head sensor | Pump heads accepted | Motor size | IP rating | Power (50/60 Hz) | With Ethernet/IP | With Profibus |
|---|----------------------------|------------------|---------------------|----------------|-----------|------------------|-----------------------------|-----------------------------|
| | | | | | | | Catalog number | Catalog number |
| A. L/S network compatible digital drive | | | | | | | | |
| 0.1 to 600 | ±0.1% | Yes | 2 | 1/10 hp (75 W) | IP33 | 90 to 260 VAC | MK-07551-40 | MK-07551-42 |
| B. L/S network compatible digital process drive with 316 stainless steel housing | | | | | | | | |
| 0.1 to 600 | ±0.1% | Yes | 2 | 1/10 hp (75 W) | IP66 | 90 to 260 VAC | MK-07575-50 | MK-07575-52 |
| B. L/S network compatible digital process drive with powder-coat steel housing | | | | | | | | |
| 0.1 to 600 | ±0.1% | Yes | 2 | 1/10 hp (75 W) | IP66 | 90 to 260 VAC | MK-07575-60 | MK-07575-62 |
| C. I/P network compatible digital process drive with 316 stainless steel housing | | | | | | | | |
| 0.1 to 650 | ±0.1% | Yes | 2 | 3/8 hp (280 W) | IP66 | 90 to 260 VAC | MK-77420-30 | MK-77420-32 |
| C. I/P network compatible digital process drive with powder-coat steel housing | | | | | | | | |
| 0.1 to 650 | ±0.1% | Yes | 2 | 3/8 hp (280 W) | IP66 | 90 to 260 VAC | MK-77420-40 | MK-77420-42 |

1-800-637-3739 | 1-847-381-7050

Masterflex.com