


## SI-EtherCAT

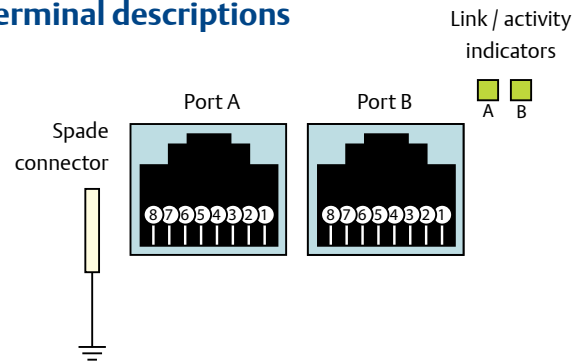
	M100	M200	M300	M400	M600	M700
		✓	✓	✓	✓	✓

SI-EtherCAT allows Unidrive M to connect and interface with EtherCAT networks.

### Features include:

- Up to 64,535 nodes on a segment
- Data rate of 100 Mbps (100BASE-TX)
- Update 40 axes in 250  $\mu$ s (assuming 2 words command data and 3 words feedback data per axis, a control word and basic cyclic synchronization data)
- Jitter of less than 1  $\mu$ s with Unidrive M600 to M700
- Non-cyclic data using the CoE mailbox
- CANopen DS-402 profile supported (drives and motion control)
- LED indication of network port activity

### Terminal descriptions



Terminal	Description	Terminal	Description
1	Transmit +	1	Transmit +
2	Transmit -	2	Transmit -
3	Receive +	3	Receive +
4	N/A	4	N/A
5	N/A	5	N/A
6	Receive -	6	Receive -
7	N/A	7	N/A
8	N/A	8	N/A



Bottle filling line