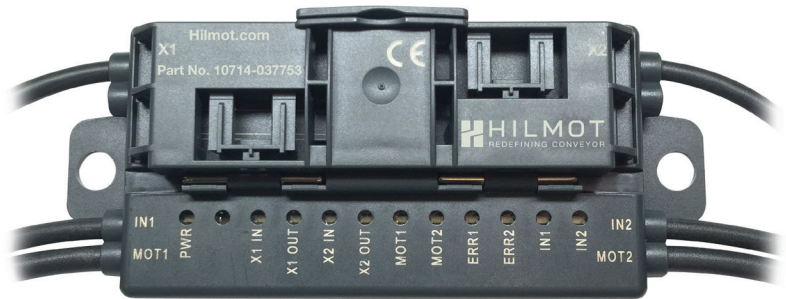


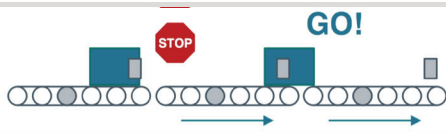
Automatically control the flow of product through the system.

The **Hilmot H-20 Auto** motor control module is a field module with two sensor inputs and two electronic outputs for controlling DC roller motors. The module can control two consecutive zones of an accumulating conveyor section. A zone consists of a roller motor and a zone sensor. Both zone controllers are logically coupled within the module. The second zone controller within the module can be deactivated. Two interfaces are available for coupling with the neighboring zones of the conveyor belt.

- Runs without a programmer, built in logic
- CE Stamped
- Automatically configures node when a replacement card is put in

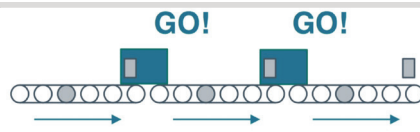


OPERATION MODES



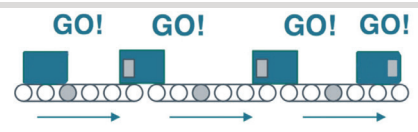
STANDARD ZPA

- Single accumulation / single release
- A packet is only allowed to travel downstream, if the next zone is empty



ENHANCED ZPA

- Block accumulation / block release
- All packets in front of the furthest empty downstream zone are allowed to travel simultaneously



TRANSPORTATION

- No accumulation / block release
- Release signal controls all zones behind

SPECIFICATIONS

MODE SWITCH	OPERATION MODE	SECOND ZONE ACT	ACC/Dir SWITCH	ACCELERATION (full speed time)	DIRECTION	SPEED SWITCH	SPEED SIGNAL
0	Standard ZPA	✓	0	0 ms	CW	0	3.96V
1	Enhanced ZPA	✓	1	500 ms	CW	1	4.78V
2	Standard ZPA - Single Zone	✗	2	1000 ms	CW	2	5.61V
3	Enhanced ZPA - Single Zone	✗	3	1500 ms	CW	3	6.44V
4	Transportation	✓	4	3000 ms	CW	4	8.50V
5	Long Zone - Single Zone	✗	5	0 ms	CCW	5	9.63V
6	Direct Control	✓	6	500 ms	CCW	6	10.00V
7	Direction Control	✗	7	1000 ms	CCW	7	7.26V
8	Reverse	✗	8	1500 ms	CCW	8	N/A
9	N/A	✗	9	3000 ms	CCW	9	N/A

