




ELEVATOR / CONVEYOR MONITORING SYSTEMS

COMBINED MONITORING SYSTEMS

PRODUCT	WATCHDOG SUPER ELITE™	IE-GUARDFLEX	IE-NODE
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Bearing temperature	✓ (continuous) max. 6 sensors + 2 ambient temp. sensors	Upto 1024 Devices	8 dual use inputs (contact or NTC temperature)
Belt speed	✓ (continuous) max. 2 inputs – Differential speed monitoring	Upto 1024 Devices	2 pulse or 4-20mA
Belt alignment	✓ Pulses / Contact / Rub* Blocks 4 inputs	Upto 1024 Devices	8 dual use inputs (contact or NTC temperature)
Plugged condition	✓	✓	✓
Pulley alignment	✓	✓	✓
Communication interfaces	Ethernet with Modbus TCP protocol	Gateway available separately for PLC interface	Ethernet IP, Profinet, Modbus TCP
Test function	✓	×	
Alarm & shutdown function	✓	✓	×
Applications	Single elevator or conveyor	Bucket elevators & conveyors, plant-wide monitoring	Bucket elevators & conveyors, plant-wide monitoring
Hazardmon.com (Cloud based hazard monitoring)	✓ (Ethernet onboard)	✓ (Ethernet onboard)	✓ (Ethernet onboard)
Certifications	UKEx / ATEX / CSA / IECEx / InMetro / CCC	'Safe Area' Only	UKEx / ATEX / CSA / IECEx / InMetro / CCC

* total number of inputs / sensors, all sensors combined.

SPECIALISED MONITORING SYSTEMS

PRODUCT	T400N ELITE	A400 ELITE	B400 ELITE	USR
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Bearing temperature	✓ (continuous) max. 8 sensors	×	×	×
Belt speed	×	✓	×	✓
Belt alignment	×	✓	✓	×
Plugged condition	×	×	✓	×
Pulley alignment	×	×	✓	×
Communication interfaces	Modbus RTU (RS-485)	×	×	×
Test function	✓	✓	✓	×
Alarm & shutdown function	✓	✓	✓	×
Applications	Elevator & conveyors	Elevators	Elevator & conveyors	Elevator & conveyors
Hazardmon.com (Cloud based hazard monitoring)	×	×	×	×
Certifications	UKEx / ATEX / CSA / IECEx	UKEx / ATEX / CSA / IECEx	UKEx / ATEX / CSA / IECEx	UKCA