



Product Features:

- Suitable for all brakes and HPU
- 20 x sensor inputs
- Inputs available as bypass for PLC
- Status display for inputs, power and troubleshooting
- Easy and fast screw pluggable terminal blocks
- Robust daisy chain SIBRE bus
- IP65 & marine painting enclosure

Product Specifications:

I/O Sensors	Inputs	8 x digital (D1...D8) 8 x analog (A1...A8) 4 x RTD (T1...T4)	PNP & non-PNP, 3 wires 4 -20mA, 3 wires Pt100, 2 wires	Voltage range: 10...30VDC Voltage range: 10...30VDC Temperature range: 0...+800°C
	Outputs	8 x digital, bypass D1...D8, including led status 8 x analog, bypass A1...A8, including led status 4 x analog, RTD transducer (T1..T4) to 4-20mA signal, including led status		
Bus Communication	I/O	1 x input & 1 x output Sibre bus, 3 wires		
	Wiring scheme	Daisy Chain		
	Distance	1000 m max		
Connection	I/O Sensors	Screw pluggable terminal blocks	2,5mm ² solid / 1,5mm ² stranded wire	
	Power supply	Screw pluggable terminal blocks	2,5mm ² solid / 1,5mm ² stranded wire	
	I/O SIBRE Bus	Screw pluggable terminal blocks	2,5mm ² solid / 1,5mm ² stranded wire	
Cable Entry	I/O, bus & Power	Multi cable gland: 16 x 3-6 mm; 4 x 5-9 mm ; 2 x 8-12 mm		
Power Manager	Power input	SDT: 24VDC 2A. Optional: 110-230VAC* (50/60Hz) 1.4A Digital sensors: 24VDC or 110-230VAC* (50/60Hz) Analog sensors: 24VDC or 110-230VAC* (50/60Hz)		
	Protection	SDT and sensors protection with rearmable fuse ; Surge protector for sensors ; Over current and over voltage protected ; 4 led for troubleshooting ; Internal vibration sensor		
Mechanical & Enviromental	Dimensions	200 x 200 x 80 mm (W x L x H)		
	Weight	2,5Kg		
	Painting	Marine paiting 160µm min. RAL 7035 structure powder coating (stainless optional)		
	Operation Temperature	-10...+70°C / 14...158°F		
	Operation Humidity	95% RH		
Certification	IP proof	IP65		
	CE EMC	EN 61000-6-2 (2005) / AC (2005) + EN 61000-6-4 (2007) / A1 (2011)		
	CE Safety	EN 60204-32: 2008, RoHS 2011/65/UE		
Optional	AC Power Supply*	230VAC to 24VDC power supply to power SDT at 110VAC...230VAC 230VAC to 24VDC power supply to power analog sensors at 110VAC...230VAC		
	Enclosure	Stainless / Painted stainless		

Alterations reserved

SIBRE BRAKES SPAIN S.L.

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Dimensional drawing:

