

Technical Specifications

Inputs and outputs

Flux Inputs	Quantity	1
	Connector	3-pole Terminal Block Connector: Conductor cross section min/max 28 AWG/16 AWG Terminal torque min/max 0.2/0.25 Nm Tool blade dimensions 0.4 x 2.5 mm
	Input Range (absolute peak value)	100 mV to 68 V
	Input Impedance	5.3 k Ω (single-ended) 10.6 k Ω (differential)
Shaft Trigger Input	Quantity	1
	Connector	6-pole Terminal Block Connector: Conductor cross section min/max 28 AWG/16 AWG Terminal torque min/max 0.2/0.25 Nm Tool blade dimensions 0.4 x 2.5 mm
	Input Range (absolute peak value)	500 mV to 38 V
	Input Impedance	5.3 k Ω (single-ended) 10.6 k Ω (differential)
	Auxiliary Output Voltage	22 Vdc

Data Acquisition

Salient Pole Machines	Monitored Machines	1
	Poles per Machine	4 to 128
	Flux Sampling	16-bits >300 kHz
	Shaft Trigger Targets	1
	Shaft Trigger Timestamp Precision	15 ns

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Round Rotor Machines	Monitored Machines	1
	Poles per Machine	2 or 4
	Monitored Load Points	4 to 10 (equal to number of coils)
	Flux Sampling	16-bits >300 kHz
	Shaft Trigger Targets	1
	Shaft Trigger Timestamp Precision	15 ns