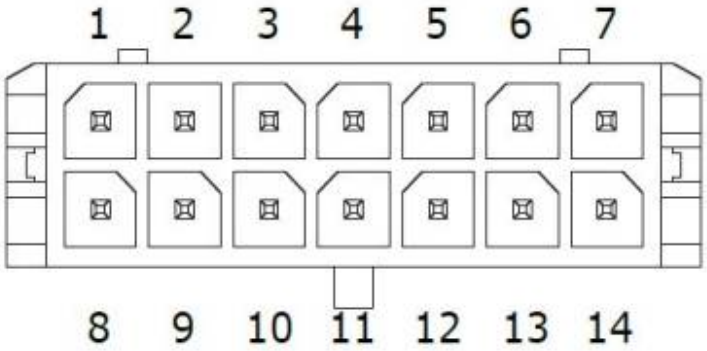
Epulse50 Motor feedback connection

Epulse50 is able to work with 3 different types of motor feedback:
1. Resolver
2. SIN/COS 1Vpp (1 sine period per 1 shaft rotation)
3. ABZ + Hall
4. Hall only
5. Variable reluctance resolver (on request)
6. Sensorless (on request)

I/O CONNECTOR C1		
PIN	**NOME**	**DESCRIZIONE**
1	HV	Hall sensor V input
2	5V	Otput supply 5V@300mA
3	GND	GND-5V
4	/CHZ	Inverted Z channel encoder input
5	CHZ	Z channel encoder input
6	RES OUT	Resolver sinusoidal output
7	GND	GND-5V
8	HU	Hall sensor U input
9	HW	Hall sensor W input
10	/CHA or /SIN_IN or /RES_SIN	Inverted A channel encoder input or inv. Sinus input or inv. Resolvert sinus input
11	CHA or SIN_IN or RES_SIN	A channel encoder input or Sinus input or Resolvert sinus input
12	/CHB or /COS_IN or /RES_COS	Inverted B channel encoder input or inv. Cosinus input or inv. Resolvert cosinus input
13	CHB or COS_IN or RES_COS	B channel encoder input or Cosinus input or Resolvert cosinus input
14	STM	Motor thermal sensor



C1
Motor Feedback

Port	Ordering Code	Brand	Description
C1	43025-1400	Molex	14 poles male, for motor feedback (Receptacle Housing)

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