

Installation instructions



Refer to installation use and maintenance manual for more information.

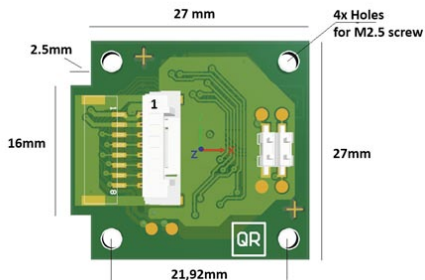


Magnetic incremental quadrature encoder technical data

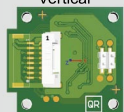
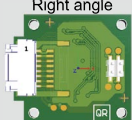
- Supply: 5 Vdc $\pm 5\%$
- Input current: 50mA max
- Incremental resolution: 1024 ppr
- Feedback signals: A, B, Z
- Absolute position single-turn
- Phasing: 90° electrical between A and B
- Max speed: 60.000 rpm
- Input shaft: Shaft with magnet

Mechanical data

Dimensions in mm.



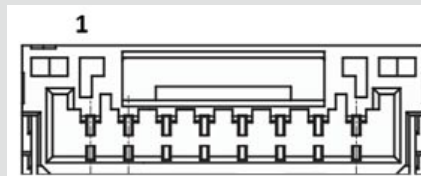
Models

Model code	Output type	Connector orientation
SEM04V01	5 V Single-Ended TTL/CMOS	Vertical 
SEM04V02	5 V Differential Line Driver	
SEM04V11	5 V Single-Ended TTL/CMOS	Right angle 
SEM04V12	5 V Differential Line Driver	

Connections

Connector pinout

	5 V Single-Ended TTL/CMOS	5 V Differential Line Driver
1		GND
2		+5 Vdc
3	Not connected	ENCA-
4	ENCA	ENCA+
5	Not connected	ENCB-
6	ENCB	ENCB+
7	Not connected	ENCZ-
8	ENCZ	ENCZ+



Mating connector: JST GHR-08V-S

Crimp: JST SSSL-002T-P0.2

AWG wire: 26 +30 AWG

Ever Motion Solutions

Via del Commercio, 2/4 - 9/11

Loc. San Grato Z. I

26900 - L O D I - Italy

Phone +39 0371 412318 - Fax +39 0371 412367

email: infoever@evermotionsolutions.com

web: www.evermotionsolutions.com

