

OEM2 - OPTICAL ENCODER MODULE 2



Features

- 3 input channels (simultaneous readout)
- Suitable for all products with the -COE option
- Reduced laser power, minimize dissipation COE
- Counter data available as Quadrature/ABcomparable output
- Status LEDs on front panel
- Fits in Base Cabinet (CAB)

Description / Applications

The Optical Encoder Module 2 (OEM2) has 3 inputs for Cryo Optical Encoders (-COE option). Encoder inputs can be monitored simultaneously via the Basedrive or Servodrive control. Counter data is also available to an external DAQ system by means of a Quadrature/AB-like output signal (Flexdrive). The module needs to be installed in the Base Cabinet (CAB).

Specifications

3 (simultaneous readout)	
Cryo Optical Encoders (-COE)	
CAB	
3U/14HP	
850 g	
$-2^{17}\dots(2^{17})-1$	
Dual edge, bi-directional	
1310 nm	
<5 μW (laser source is a Class 3B type (5mW, invisible light). Module is designed such that the laser light on	
connector output is significantly reduced).	
FC/APC narrow key, female	
Quadrature AB, 5V TTL (OEM2 requires an external direction signal as input (5V TTL). User has to supply this	
signal to the External in-/output connector).	
25p Male D-Sub	
Basedrive, Servodrive or Flexdrive (all via CAB interface)	

Ordering Information		
Available models OEM2	Optical Encoder Module 2	
Available Options None		
Accessories		
AF ₅	Ambient Fibre (3m, FC/APC-FC/APC, narrow key)	
Mechanical and electrical in	formation	Contact
Download 3D step files and manuals from: https://www.jpe-innovations.com/cryo-nano-products/		For quotations, specials, or engineering services, please contact us at: https://www.jpe-innovations.com/contact/







