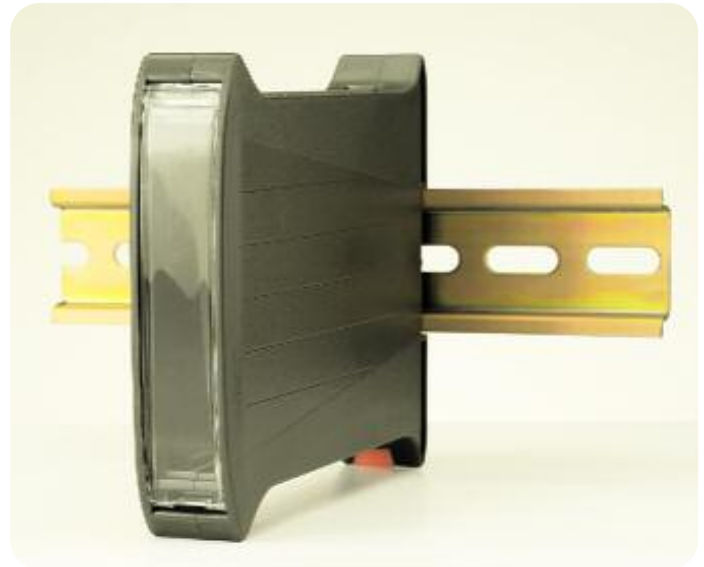


## EXTERNAL ENCODER MODULE

The external encoder feedback module has been designed to provide closed loop speed control for the Optidrive Plus drive range.

The module can now introduce the Optidrive Plus into applications which require more accurate speed control or those which require encoder feedback to satisfy particular safety standards.



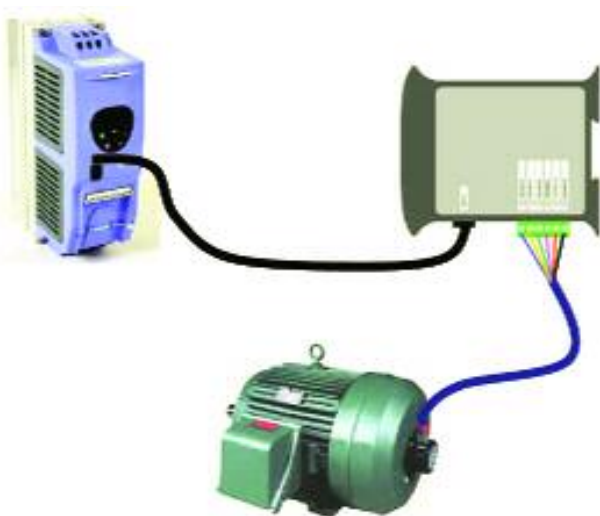
### Key Features

- Simple plug-in interface to the Optidrive Plus using the RJ11 Interface
- Requires Optidrive Plus 3<sup>GV</sup>- L Application Macro Firmware
- Provides closed loop speed feedback control
- Encoder PPR set up through the drive keypad
- Compatible with most types of bi-directional industrial incremental encoders
- Encoder input frequencies up to 500kHz
- Bi-directional differential inputs
- LED Indicators show power on and encoder status
- Encoder status can be shown on drive display

### Industry Sectors

- Food Processing
- Bottling
- Pumping
- Chemical
- Waste Water
- HVAC
- Conveyors

### Typical Configuration



### Specification

- Size: (L \* W \* H) 120 \* 23 \* 102 mm 4.72 \* 0.9 \* 4 "
- Power Supply: +24V via drive RJ11
- Encoder Supply 5 VDC up to 200mA available
- Encoders up to 24 volts require an external power supply
- Temperature: Operating 0 to 50°C
- Non-Operating 0 to 60°C
- Mounting: DIN Rail
- Protection Class: IP00
- Conformity: CE marked

\* Contact your local distributor or Invertek Drives Ltd for further information on Application Macro Drive Firmware

**Product code:**  
**ODP-ENCOD**