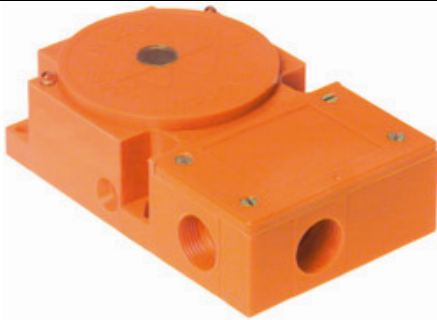




## EIR-85/QC Transceiver RFID Transceiver

**Industrial RFID Transceiver**

**Orange Product Range**



### Compatible Tags

<b>OIR</b>	Infrared Read/Write System

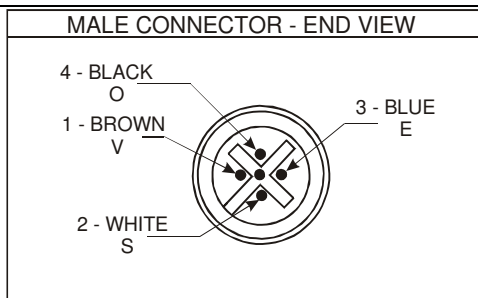
### Description

The EIR-85/QC Transceiver when used with a BALOGH Control Board allows the Reading and/or Writing of Infrared TAGS, type OIR. It provides long range communication with an OIR TAG via Infrared data transmission.

### Characteristics

- Power Supply (<10% Ripple) 24 V DC
- Voltage Tolerance -10% +10%
- Max Current Consumption 150 mA
- Min Ambient Temperature -25 °C
- Max Ambient Temperature +70 °C
- Distance Between Transceivers 2000 mm
- IP 65 Rated
- Weight: 600 g
- Rilsan Casing
- Max Cable length 100 mm
- Protected Against Polarity Reversal
- Protected Against Load Short-Circuit

### QC Connector Pin-Out



### QC Connection to Main Board

Terminals	Connections
1	+V DC
2	Input
3	Output
4	0V DC

## Tag Compatibility Information Chart

Tag Type		OIR 801	OIR 810			
Maximum Range		2000	2000			
Static Transmission Zone	Typical Height at Sr	1200	1200			
	Typical Length at Sr	600	600			
	Typical Width at Sr	600	600			
Dynamic Transmission Zone	Minimum Length at Sr	600	600			
	Max Lateral Offset	100	100			
	Max Angular Offset	+/-15	+/-15			

## Dimensional Drawing

