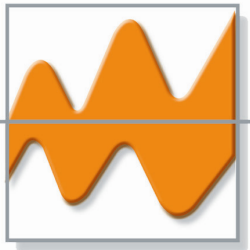


BALOGH

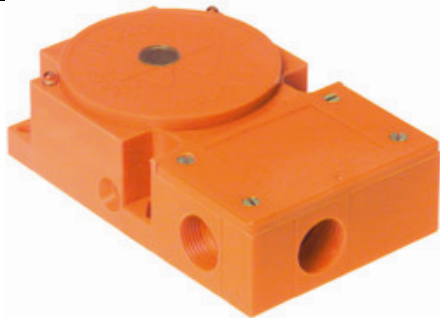


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EIR-85/QC Transceiver RFID Transceiver

Industrial RFID Transceiver

Orange Product Range



Compatible Tags

OIR	Infrared Read/Write System

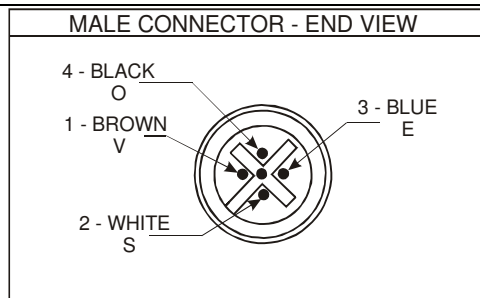
Description

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
- Rislun 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

