

BALOGH



ERC-100/QC Transceiver

Industrial RFID Transceiver

Orange Product Range



Compatible Tags

OMX	High Speed Industrial Read-Write Tag Series

Description

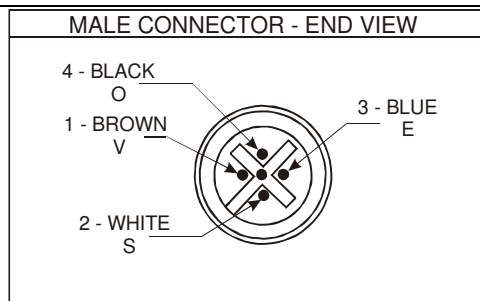
The ERC-100/QC Transmitter/Receiver used with a BALOGH Control Board allows Reading and/or Writing of Electronic TAGS, or for Dialog Communications with other BALOGH Transceivers.

The ERC-100 has an available Quick Connector (QC) to help simplify installation.

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 1200mm
- IP 65-67 Rated
- Weight: 525 g
- Rilsan Casing
- Polyurethane Potting
- Protected Against Polarity Reversal
- Protected Against Load Short-Circuit

QC Connector Pin-Out



QC Connection to Main Board

Terminals

Connections

1

+V DC

2

Output

3

Input

4

0V DC

Tag Compatibility Information Chart

Tag Type		OMX-931				
Maximum Range		40 mm				
Static Transmission Zone	Typical Height at Sr	28 mm				
	Typical Length at Sr	100 mm				
	Typical Width at Sr	35 mm				
Dynamic Transmission Zone	Minimum Length at Sr	60 mm				
	Max Lateral Offset	12 mm				
	Max Angular Offset	20 mm				

Dimensional Drawing

