

BALOGH



ERC-80/QC Transceiver RFID Transceiver

Industrial RFID Transceiver



Compatible Tags

OMX	High Speed Industrial Read-Write Tag Series

Description

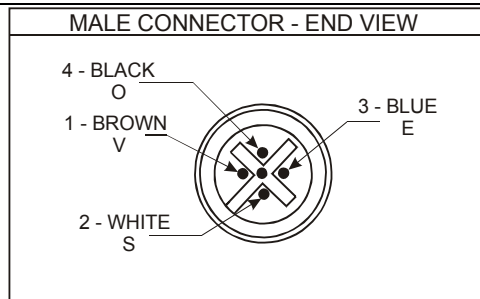
The ERC-80/QC Transmitter/Receiver used with a BALOGH Control Board allows Reading and/or Writing of Balogh OMX Series Electronic TAGS.

The ERC-80/QC is manufactured with an M12 Type 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 1450mm
- IP 65 Rated
- Weight: 587 g
- Rislán 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		70 mm				
Static Transmission Zone	Typical Height at Sr	28 mm				
	Typical Length at Sr	160 mm				
	Typical Width at Sr	45 mm				
Dynamic Transmission Zone	Minimum Length at Sr	110 mm				
	Max Lateral Offset	20 mm				
	Max Angular Offset	< 20°				

Dimensional Drawing

