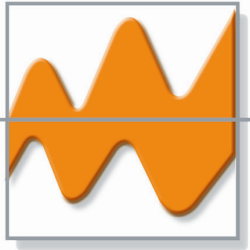


BALOGH



WWW.BALOGHRFID.COM

TCF-100 Transceiver RFID Transceiver

Industrial RFID Transceiver

Gray Product Range



Compatible Tags

TAF	Light Industrial Read/Write Tags

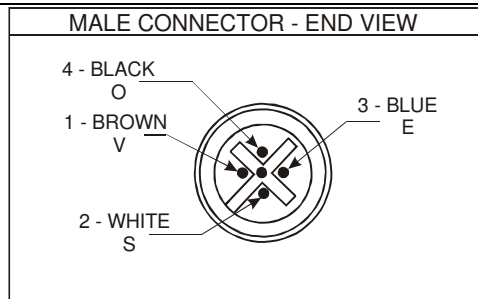
Description

The TCF-100 Transmitter/Receiver used with a BALOGH Control Board allows Reading and/or Writing of Electronic TAGS

Characteristics

- Power Supply (<10% Ripple) 24 V DC
- Voltage Tolerance -20% +15%
- Max Current Consumption 150 mA
- Min Ambient Temperature -25 °C
- Max Ambient Temperature +70 °C
- Distance Between Transceivers 1200 mm
- IP 65 Rated
- Weight: 550 g
- PBT-GF 30-V0 & Zamac 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		TAF-50	TAF-932				
Maximum Range		100 mm*	140 mm*				
Static Transmission Zone	Typical Height at Sr	50 mm	70 mm				
	Typical Length at Sr	100 mm	140 mm				
	Typical Width at Sr	73 mm	73 mm				
Dynamic Transmission Zone	Minimum Length at Sr						
	Max Lateral Offset						
	Max Angular Offset						

* 25 mm Minimum Distance from Transceiver

Dimensional Drawing

