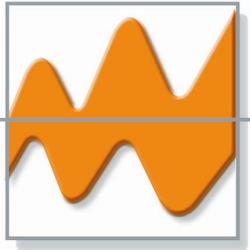


# BALOGH



WWW.BALOGHRFID.COM

## TCF-40 Transceiver RFID Transceiver

**Industrial RFID Transceiver**

**Gray Product Range**



### Compatible Tags

TAF

Light Industrial Read/Write Tags

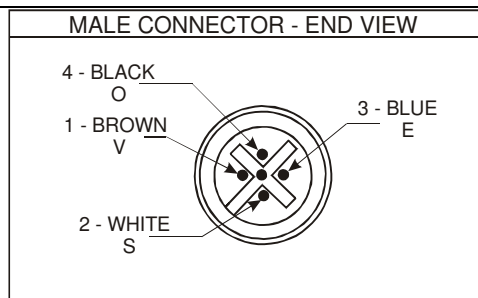
### Description

The TCF-40 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 60 mA
- Min Ambient Temperature -25 °C
- Max Ambient Temperature +70 °C
- Distance Between Transceivers 120 mm
- IP 65 Rated
- Weight: 180 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-28 | TAF-50 | ISO   | TAF-711 | TAF-932 |  |
|---------------------------|----------------------|--------|--------|-------|---------|---------|--|
| Maximum Range             |                      | 30 mm  | 45 mm  | 43 mm | 30 mm   | 45 mm   |  |
| Static Transmission Zone  | Typical Height at Sr | 15 mm  | 22 mm  | 17 mm | 14 mm   | 22 mm   |  |
|                           | Typical Length at Sr | 40 mm  | 45 mm  | 40 mm | 40 mm   | 45 mm   |  |
|                           | Typical Width at Sr  | 40 mm  | 45 mm  | 40 mm | 45 mm   | 45 mm   |  |
| Dynamic Transmission Zone | Minimum Length at Sr |        |        |       |         |         |  |
|                           | Max Lateral Offset   |        |        |       |         |         |  |
|                           | Max Angular Offset   |        |        |       |         |         |  |

## Dimensional Drawing

