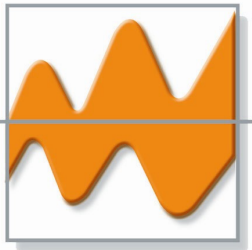


# BALOGH



WWW.BALOGHRFID.COM

## MOF-100/M485 Transceiver RFID Mono-Block

**Industrial RFID Transceiver**

**Gray Product Range**



### Compatible Tags

TAF

Light Industrial Read/Write Tags

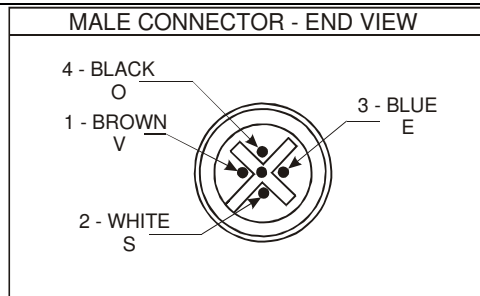
### Description

The MOF-100/M485 RFID Mono-Block is a BALOGH RFID Transceiver and Control Interface all in one enclosure. The MOF-100/M485 is capable of reading and writing to the TAF Tag series and communicates via a RS-485 connection.

### Characteristics

- RS-485 Serial Communication
- Power Supply (<10% Ripple) 24 V DC
- Max Current Consumption 150 mA
- Min Ambient Temperature -25 °C
- Max Ambient Temperature +70 °C
- 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

Tx RS-232

2

Rx RS-232

4

+Vcc

3 & 5

0 V

# 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	110 mm	110 mm				
	Typical Width at Sr	95 mm	85 mm				
Dynamic Transmission Zone	Minimum Length at Sr						
	Max Lateral Offset						
	Max Angular Offset						

\*25 mm minimum distance from Transceiver

## Dimensional Drawing

