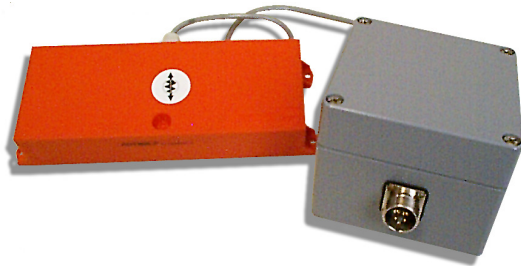




ERL-120+ANT80/LP Transceiver

Industrial RFID Transceiver

Orange Product Range



Compatible Tags

OL	OLR Long Range 2 Byte Read-Only Industrial Tag

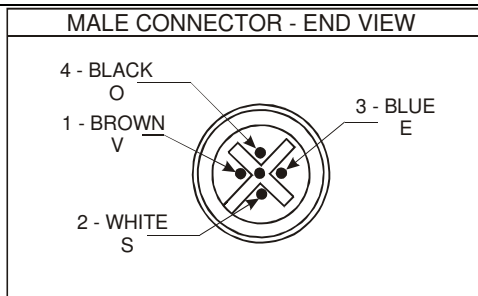
Description

The ERL-120 Transceiver together with the ANT 80/LP remote head and hooked up to a BALOGH control board, enables Reading the OL TAGS. The ERL-120+ANT 80/LP features a male 4-pin plug connecting the control board.

Characteristics

- Power Supply (<10% Ripple) 24 V DC
- Voltage Tolerance -10% +10%
- Max Current Consumption 300 mA
- Min Ambient Temperature -25 °C
- Max Ambient Temperature +70 °C
- Distance Between Transceivers 2 m
- IP 65 Rated
- Weight: ERL - 1800 g ANT - 2500 g
- ERL - Aluminum ANT - Rilsan Casing
- Vibration Resistance (CEI 68/2/6) 2g from 10 to 150Hz
- Shock Resistance (CEI 68/2/7)

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		OL 85				
Maximum Range		550				
Static Transmission Zone	Typical Height at Sr	200				
	Typical Length at Sr	--				
	Typical Width at Sr	--				
Dynamic Transmission Zone	Minimum Length at Sr	800				
	Max Lateral Offset	100				
	Max Angular Offset	20				

Dimensional Drawing

