

## Power Remotes

Transmits 12 Vdc power and signals to/from any input device.

- Can interface to any 12 Vdc input sensor
- Connects to inductive, capacitive, optical, magnetic or mechanical sensors
- Up to 15 signal transmission
- M18, M30, 80x40x22, and 90x90 housings



## G-Power Remotes

Transmits power and signals to/from input and output sensors. 12 Vdc & 24 Vdc models are available.

- Interfaces to any 12 Vdc or 24 Vdc input or output sensor
- Provides up to 300mA of drive current
- Transmits 8 signals
- M30, 40x40 and 90x90 housings



## Analog Remotes

Transmits operating power and 0-10 Vdc analog signal from a single BAW analog sensor.

- Common 18mm tubular housing
- Transmission of 0-10 Vdc analog signal between remote units
- Compatible with most Balluff BAW series sensors in M8 to M30 housings



## Thermal Remotes

Interfaces to standard PT100 resistance sensors and K thermocouples. All signals are transmitted through the air gap and converted to a 4-20mA output signal.

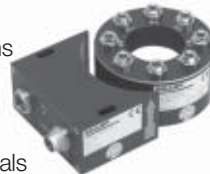
- Connects to standard PT100 resistance sensors or K thermocouples
- Outputs 4-20mA signal to external controller
- M18 housings



## Radial Remotes

Designed specifically for rotating shafts or indexing tables. Contains stationary base unit and rotating sensor unit, transmitting up to 8 signals between the two devices. Ideal for turntables or indexing tables.

- Eliminates slip rings or "cable twist" problems
- Can turn in same direction continuously or in back and forth motion
- Ideal for rotating shafts or indexing tables
- Transmits up to 8 independent discrete signals



## High Power Remote

Transmits power and signals to/from 24 Vdc input and output sensors. Load capacity is up to 1A.

- Utilizes any 24 Vdc input or output sensor
- Provides up to 1A of drive current
- 4 in/4 out & 8 in/8 out models available
- 8 in/8 out model provides up to 1 amp of drive current



# Selection Guide

Signals

Series & Drive Current

## Remote Sensor System


X1  **Power Remote**  
30 mA

X4  **Power Remote**  
40 mA

50 mA

X8  **Power Remote**  
100 mA

X15  **Power Remote**  
6.5 mA/Signal

X8  **G-Power Remote**  
150 mA

200 mA

300 mA 24 Vdc

X1  **Analog Remote**

X1  **Thermal Remote**

X8  **Radial Remote**  
160 mA 24 Vdc

## Remote Coupler System

4x4  **High Power Remote**  
300 mA 24 Vdc

8x8  1A 24 Vdc

Transmission Distance	Compatible Sensors	Transmitter	Output Sensor	Page Number
4 mm	Any DC 3-wire sensor	RPT-1804P/N-PU-01	RPE-1804P/N-PU-02	5.6
4 mm	Any DC 2-wire sensor	RPT-1804D-PU-01	RPE-1804P/N-PU-02	5.6
8 mm	Any DC 3-wire sensor	RPT-3008P/N-PU-01	RPE-3008P/N-PU-02	5.6
8 mm	Any DC 2-wire sensor	RPT-3008D-PU-01	RPE-3008P/N-PU-02	5.6
3 mm	Any DC 3-wire sensor	RPTA-1803-PU-01	RPEA-1803P/N-PU-02	5.7
5 mm	Any DC 3-wire sensor	RPTA-3005-PU-01	RPEA-3005P/N-PU-02	5.7
10 mm	Any DC 3-wire sensor	RPTA-FX406-PU-01	RPEA-FX406P/N-PU-02	5.8
15 mm	Any DC 3-wire sensor	RPTA-8010-PU-01	RPEA-8010P/N-PU-02	5.8
5 mm	Any DC 2-wire sensor	RPT15-3005D-PU-01	RPE15-3000P/N-PU-02	5.9
5 mm	Any DC 3-wire sensor	RGPT-3005-V1215-PU-01	RGPE-3005-V1215N/P-PU-02	5.10
8 mm	Any DC 3-wire sensor	RGPT-4008-V1220A/B-PU-01	RGPE-4008-V1220P/NA/B-PU-02	5.10
12 mm	Any DC 3-wire sensor	RGPT-9012-V2430-PU-01	RGPE-9012-V2430P/N-PU-02	5.11
2.5 mm	BAW sensors	RNT-1803-VS10-PU-01	RNE-1803A-PU-02	5.12
4 mm	PT-100	RTT-1804-PT1B__PU-01	RTE-1804E-PU-02	5.13
2 mm	Any DC 3-wire sensor	RPTM-4502P/N-S49	RPEM-4502P/N-ST	5.15
10 mm	Any DC 3-wire sensor and actuators	RHPT8-8010P/N-C3-PU01	RHPE8-8010N/P-C3-PU-02	5.16
6 mm	Any DC 2- and 3-wire sensor and actuators	RHPT-8010-V2410-PU-01 RHP16TN-RS01	RHPE-8010-V2410-PU-02 RHP16EN-RS01	5.17