



Incremental programmable Encoder



- Universal encoder interface
- Encoder outputs A, B, Z and /A, /B, /Z
- Power supply 5 30 volts DC

Your partner for standard and special designs – accurate, reliable and quick –



Operating Instructions

RESOLUTION PROGRAMMING – Buttons procedure (start after Power Up)





| 13 | ↓ P2 ↓ | Push P2 |
|----|-----------------------------------|--|
| 14 | 0211 | Blinking digit value increment by one by each P2 push. |
| 15 | ↓ P1 | Push P1 |
| 16 | 0211 | Last digit start to blinks. |
| 17 | ↓ P2 ↓ | Push P2 |
| 18 | 1211 | Blinking digit value increment by one by each P2 push. |
| 19 | ↓ P1 ↓ | Push P1 |
| 20 | PRCG | Selected resolution ready to be programmed into encode |
| 21 | Yes? | After 2" chose to program (P1) or not (P2)? If not, jump to point 2. |
| 22 | ↓ P1 ↓ ^{8"} | Push P1 |
| 23 | | Wait for about 8" until display show "done". Selected resolution is now programmed into encoder |
| 24 | 1211 | Automatically, after 2", display show programmed resolution (point 2) |
| 25 | 8888 | Automatically, after 20", display switch off. |



- 1. Install >> PULSE Android App:
 - Save apk file on smartphone memory.
 - Go to phone Settings → Security and enable "App installation from unknown source". (menu depend by phone model and brand).
 - Go back to apk file on smartphone memory and open it. •
 - Ignore all warning about using unknown source app and install.

2. Pairing XPULSE Encoder:

- Power Up Encoder.
- Go to Phone Bluetooth Settings.
- Search for new Bluetooth devices.
- Pair with founded XPULSE Encoder, standard PIN code "1234" •

3. Enable >>PULSE Encoder to connect to Android App:

• Power Up Encoder.



Push together P1 and P2 button until display on

Display show currently encoder resolution

Use xPulse App to connect to encoder. Flashing led mean encoder Bluetooth ready but not connected to App. Fixed on led mean encoder connected.

Automatically, after 60", display and BT switch off.



4. Open XPULSE Android App













EXTRA FEATURES - Angle shaft display procedure (start after Power Up)





Revision History

| Release | Release Date | Chapter | Modification | Page |
|---------|--------------|---------|---------------|------|
| A2 | 12-09-2019 | - | Minor changes | - |
| A1 | 08-02-2018 | - | Emission | - |
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