

RFID Modules

XP OEM • XP 125 • MICRO XP

The modules contain all necessary parts to read an 125 kHz EM Marin ROM RFID tag.

Features XP OEM

- Clock and data output only
- XP 125 pin compatibility
- Internal antenna
- External Antenna (MRA16) connection to increase range to 200 mm



XP OEM

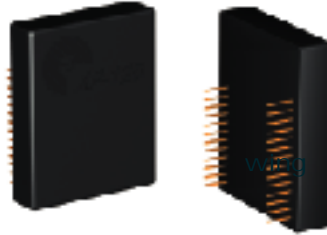
Flexible hybrid modules

XP OEM module is a flexible hybrid module, suited to create your own proximity (RFID) reader applications. XP OEM modules can be used as low cost replacement for XP 125 modules as they offer exact PIN lay-out.

XP OEM supports clock and data output only.

Features XP 125

- Clock and data output only
- Programmable via macro language
- Internal Antenna
- External Antenna (MRA16) connection to increase range to 200 mm



XP 125

Flexible hybrid modules

All XP 125 modules have an internal RF antenna. The read ranges which can be achieved vary from 40 mm up to a maximum of 200 mm depending on the type of module and antenna used.

Features MICRO XP

- Clock and data output only
- External antenna connection required (read ranges up to 180 mm)
- Low cost RFID module



MICRO XP

Low cost hybrid modules

MICRO XP is a low cost hybrid module which is supplied with a clock and data interface only (magnetic stripe, ABA, ISO track 2 output).

MICRO XP modules do not have an internal RF antenna. An external antenna needs to be connected. Cross Point supplies the follo external antennas:

- XM3 Antenna; read range with XC4 8 cm
- MRA16; read range with XC4 18 cm

Read ranges with internal antenna:

	XP OEM	XP 125
XC4	80 mm	80 mm
XC5T	50 mm	50 mm
XK2	60 mm	60 mm
XK3	60 mm	60 mm

Read ranges with the MICRO XP depend on the external antenna used.

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