

MORSE components production code radiomodems profi wideband

RADIO CHANNEL AND CASE VERSION:

For equipment series: **MW160**
MX160

SCC with Cannon DSUB9 - C
SCC with screw terminals - S
SCC not used - N

Frequency step 25 kHz - 5
10 kHz - 3

Channel bandwidth 200 kHz - 4

CASING

RF power 25 W - P

Base Tx frequency, MHz

Half-duplex radio - W
Full-duplex radio - X

MORSE PROFI

MW161.0P45C-N-485I-232-E-D22A22

DIGITAL AND ANALOG CHANNELS:

number of Analog outputs
number of Analog inputs

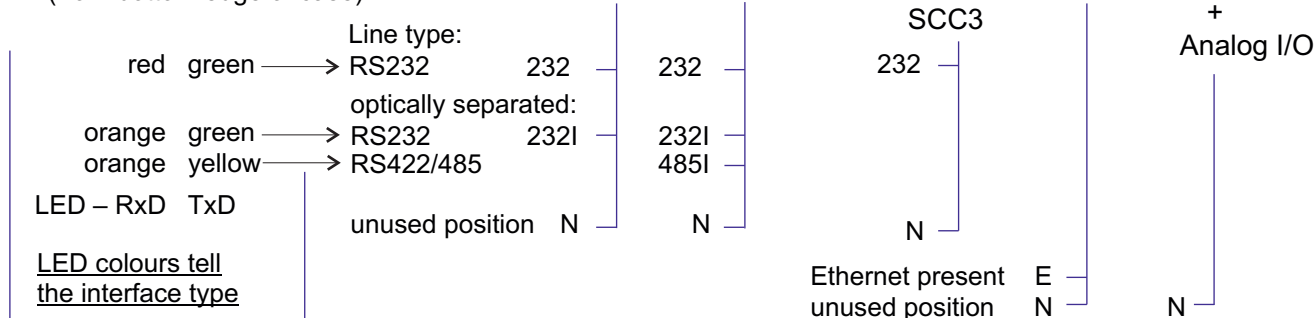
Analog input and output 0 - 20 mA - A
An input 0 - 1240 mV, An output 0 - 20 mA - V
Analog I/O not used - empty

number of Digital outputs
number of Digital inputs

Digital I/O used - D
neither Dig nor An I/O are used - N

SETTING OF MODULE POSITION:

(from bottom edge of case)



Comment - radiomodem is the DCE equipment - both data output RS232 pin and LED are labeled RxD.

Base frequency labelling options:

MW: 161.0 = base freq. 161.0 MHz, both Tx and Rx
MX: 161.0 / 156.4 = base freq. Tx = 161.0 MHz, Rx = 156.4 MHz
156.4 / 161.0 = base freq. Tx = 156.4 MHz, Rx = 161.0 MHz

Typical example of bandwidth/freq. step:

before 12/2008 | after 12/2008
MW161.0M4C-... | MW161.0M45C-...

The standard freq. step is 25 kHz,
exceptionally 10 kHz.

Examples:

MW161.0P45C-N-N-232-E-D22A22

= MORSE half-duplex radio modem, base frequency 161,000 MHz, RF power 25W,
bandwidth 200 kHz, freq. step 25 kHz,
casing with flanges for screws and/or DIN rail clips, SCC with Cannon connectors,
SCC2 - RS232,
SCC3 - RS232,
Ethernet,
Digital input 2×, Digital output 2×, An input 20mA 2×, An output 20mA 2×

MX161.0/156.6M45S-N-485I-232-E-N

= MORSE full-duplex radio modem, base frequencies Tx=161.0 MHz, Rx=156.6 MHz, RF power 25W
bandwidth 200 kHz, freq. step 25 kHz,
casing with flanges for screws and/or DIN rail clips, SCC connectors with screw terminals,
SCC1 - RS485, optically separated,
SCC2 - RS232,
SCC3 - RS232,
Ethernet