

MM-14

Short-haul modem, point-to-point



- ⌘ Communication up to 18 km (11.18 mi)
- ⌘ Galvanic isolation
- ⌘ Transient suppression
- ⌘ Code independent/transparent
- ⌘ Transfer status signals
- ⌘ Line connection with 5-pos. screw terminal
- ⌘ Switchable between DCE and DTE
- ⌘ 9-/25-pos. male/female D-sub connector
- ⌘ Ensures communication over long distances and in environments with high levels of interference
- ⌘ Reliable performance and function

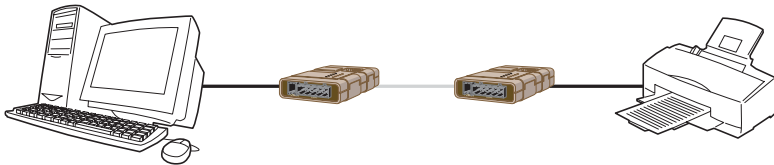
For Westermo W1 interface transmission characteristics see page 138

Field of application

Short-haul modems are used in point-to-point applications when the distance exceeds 15 metres (50 ft). The Westermo transmission technology (W1) makes it possible to communicate up to 18 km (11.81 mi) between modems. Equipment with an RS-232 interface can be connected and data rates up to 38.4 kbit/s are possible depending on the transmission range. All modems that have a W1 interface are compatible with each other.

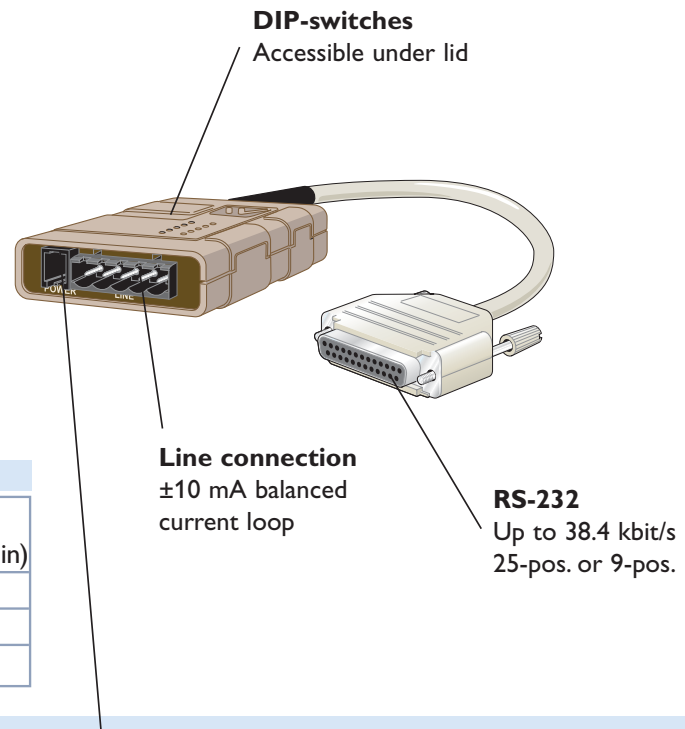
MM-14 is designed to fit directly onto the equipment's serial port making it ideal for use in confined areas. Line connection is made to a 5-pos. screw terminal.

Application



Also see application on page 46

Interface



Mechanical

Dimensions (W x H x D)	60 x 22 x 98 mm (2.36 x 0.87 x 3.86 in)
Weight	0.7 kg (1.54 lb)
Assembly	Mini
Degree of protection	IP 20

Power

	MM-14	
Operating voltage	207-253 VAC	$\pm 11.4 - \pm 12.6$ VDC
Rated current	± 10 mA @ 230 VAC	30 mA @ ± 12 VDC
Rated frequency	48-62 Hz	DC
Connection	PS-8 power adapter	25-pos. D-sub via pin 9 and 10