

Manufacturer's declaration

The product is to be an option or component for installations into machines or equipment according to the machinery directive 98/37/EC. The machinery (product) must not be put into service until the machinery into which it is to be incorporated has been declared in conformity with the provisions of the applicable EC directives.
The product corresponds to the low voltage directive 73/23/EEC.

Safety regulations

Attention!



Only qualified and well-trained specialists should work on the units under observance of the valid standards and directives to avoid any personal injury or damage to machinery. The installation and operating instructions must be read carefully before installation and initial operation.



Note:

Based on the guideline 94/9/EC (ATEX guideline) this product is not suitable for the application in potential explosive atmospheres without evaluation of the conformity.

Application

This CAN adapter minimizes the wiring effort with CAN network. Furthermore CAN and RS232 can be used at the same time. Additionally termination resistance and feed lead switches are available.

Function

The adapter separates the RS232 and CAN signals from plug X6 (PMctendo DD4) and leads these to separate D-SUB sockets. The two CAN plugs are parallel wired.

- The last CAN node has to be terminated with the **CAN-termination** switch (S1). The resistor has 120 Ω.
- On PMCprimo motion control system the switch **FEED** (S1) has to be set "ON" at the last PMCprimo device, too. Please take further information out of the user manual CAN network and installation manuals PMCprimo.

Electrical connection (terminal)

X6A Programming Interface RS232
X6B CAN1
X6C CAN2
D-SUB9 connector X6 (PMctendo DD4)



Connector	PIN	function
X6A	2	RxD
	3	TxD
	5	GND
X6B/C	7	Can_H
	2	Can_L
	3	GND

Technical data

Protection IP00, in the inserted condition IP20
Dimensions 136 x 18 x 30 mm (LxWxD)

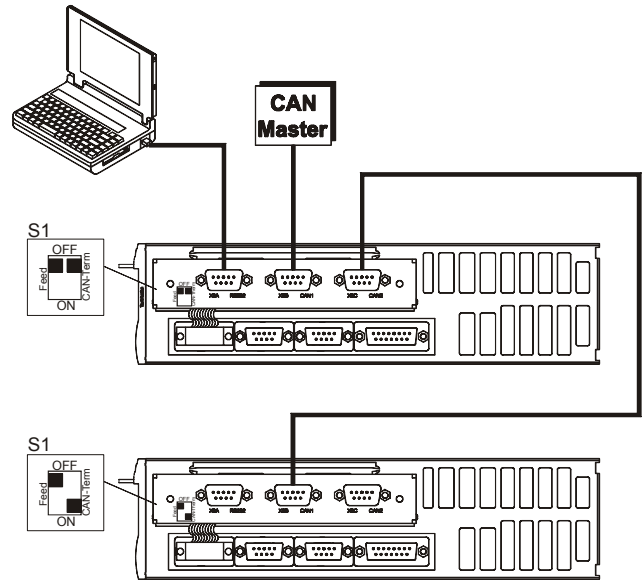
Accessories:

4803002 Power supply CAN 12V/1A DC
1803117 CAN bus cable 1:1; 700 mm
1803136 CAN bus cable 1:1; 250 mm
0802951 Feedlead
1802949 Programming cable

Installation of the module



- Disconnect the drive!
- Pay attention to ESD protection.
- Use a suitable screwdriver to remove the cover of the option slot.
- Take care that no small items (such as screws) fall into the open option slot.
- Set CAN adapter into the option slot.
- Put the D-SUB9 connector into plug X6 at the PMctendo DD4.
- Turn the screws on the front cover into the threads in the fixing lugs.



► A Pilz Ges.m.b.H., © 01 7986263-0, Fax: 01 7986264 ► AUS Pilz Australia, © 03 95446300, Fax: 03 95446311 ► B ► L Pilz Belgium, © 09 3217570, Fax: 09 3217571 ► BR Pilz do Brasil, © 11 4337-1241, Fax: 11 4337-1242 ► CH Pilz Industrieelektronik GmbH, © 062 88979-30, Fax: 062 88979-40 ► DK Pilz Skandinavien K/S, © 74436332, Fax: 74436342 ► E Pilz Industrieelektronik S.L., © 938497433, Fax: 938497544 ► F Pilz France Electronic, © 03 88104000, Fax: 03 88108000 ► FIN Pilz Skandinavien K/S, © 09 27093700, Fax: 09 27093709 ► GB Pilz Automation Technology, © 01536 460766, Fax: 01536 460866 ► I Pilz Italia Srl, © 031 789511, Fax: 031 789555 ► IRL Pilz Ireland Industrial Automation, © 021 4346535, Fax: 021 4804994 ► J Pilz Japan Co., Ltd., © 045 471-2281, Fax: 045 471-2283 ► MEX Pilz de Mexico, S. de R.L. de C.V., © 55 5572 1300, Fax: 55 5572 4194 ► NL Pilz Nederland, © 0347 320477, Fax: 0347 320485 ► NZ Pilz New Zealand, © 09- 6345-350, Fax: 09-6345-352 ► P Pilz Industrieelektronik S.L., © 229407594, Fax: 229407595 ► PRC Pilz China Representative Office, © 021 62494658, Fax: 021 62491300 ► ROK Pilz Korea, © 031 8159541, Fax: 031 8159542 ► SE Pilz Skandinavien K/S, © 0300 13990, Fax: 0300 30740 ► TR Pilz Elektronik Güvenlik Ürünleri ve Hizmetleri Tic. Ltd. Şti., © 0224 2360180, Fax: 0224 2360184 ► USA Pilz Automation Safety L.P., © 734 354-0272, Fax: 734 354-3355 ► www www.pilz.com

► D Pilz GmbH & Co. KG, Sichere Automation, Felix-Wankel-Straße 2, 73760 Ostfildern, Deutschland, © +49 711 3409-0, Fax: +49 711 3409-133, E-Mail: pilz.gmbh@pilz.de