

Hand Control HB400

Data Sheet



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Introduction



The HB400 hand control is designed for a wide range of applications such as hospital beds, nursing home beds and other medical applications such as treatment chairs and couches.

It offers up to 6 rows of buttons and is equipped with a magnet sensor for locking of individual rows. One LED for each row ensures a clear overview of the rows that are locked.

The hand control is available with backlight which makes it possible for users to find the hand control and see the symbols during the day and at night.

HB400 can be used with some LINAK® analogue and all OpenBus™ control boxes. The

housing design is clear and intuitive so that it can easily be operated by both left- and right-handers. It comes with three different hook designs, making it suitable for most applications.

With HB400, the following features are guaranteed:

- Locking of individual rows
- Up to 6 rows of buttons with optional LED indication
- Up to 6 LEDs for indication
- LINAK analogue or OpenBus technology
- Intuitive operation
- Backlight for easy operation
- Magnet key for easy locking of functions

Features and options

Hand control for up to 6 rows

Number of buttons:	Up to 12
Button type:	Tactile switches
Compatibility:	Analogue and OpenBus™ control boxes
Indicators:	Up to 6 LEDs
Lock function:	Hall (magnet)
Backlight:	Yes (white)
Housing colour:	Light grey (RAL 7035)
Protection class:	IPX6, IPX6 Washable
Front cover:	Standard or customised
Cable:	Fixed 600 mm coiled PU cable (RAL 7035) with modular plug
Attachment:	3 different hooks

Usage

Operation temperature:	+5 °C to +40 °C
Storage temperature:	-10 °C to +50 °C
Relative humidity:	20% to 80% – non-condensing
Atmospheric pressure:	700 to 1060 hPa
Meters above sea level:	Max. 3000 meters
Flammability rating:	HB
Latex free:	Yes
Approvals:	IEC60601-1 ANSI/AAMI ES60601-1 CAN/CSA-22.2 No 60601-1

Ordering Example

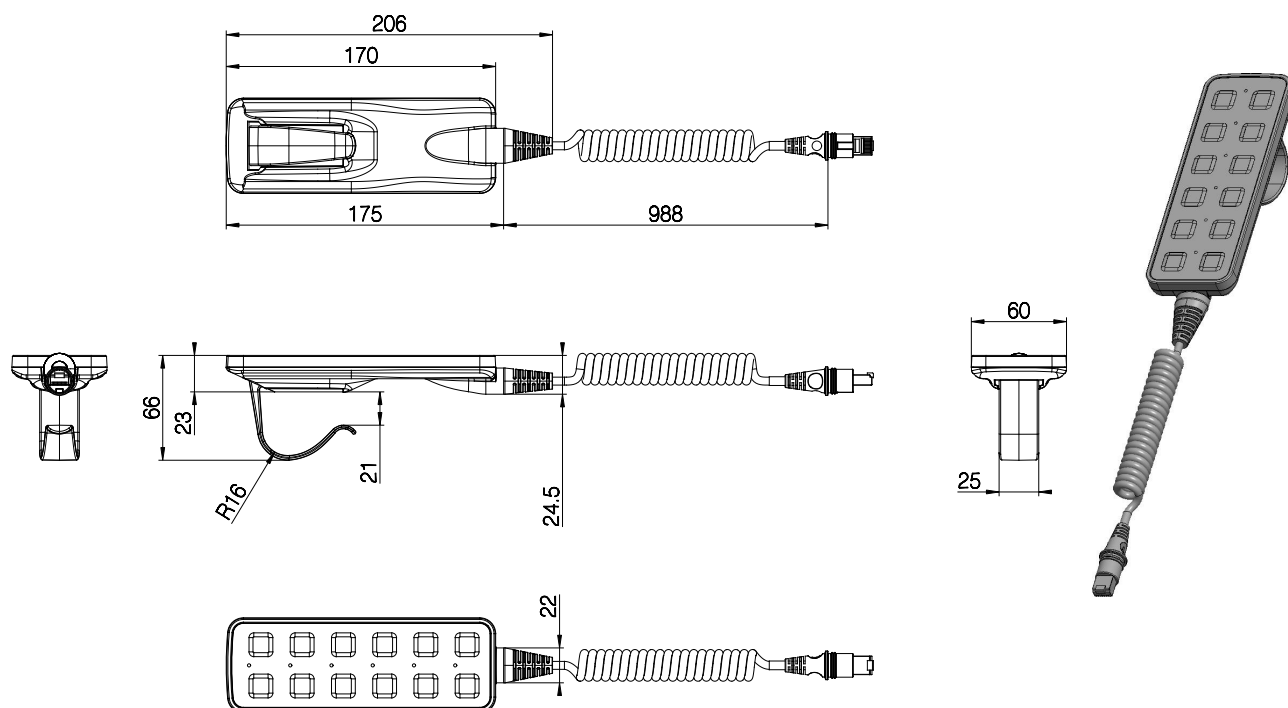
	H	
Type	B	B = HB400
Series	400	400 = HB400
Rows	6	2 = 2 Rows 3 = 3 Rows 4 = 4 Rows 5 = 5 Rows 6 = 6 Rows
Functionality	VX	Vx = Openbus™ 0x = Analogue
Hall	1	1 = Hall 0 = No Hall
Front cover	0	0 = Standard X = Special
Front cover number	001	0 = Last 3 digits in front cover number
Backlight	1	0 = None 1 = Backlight
Lock Indicator	1	0 = None 1 = Lock indicators
IP-Degree	6	6 = IPX6 W = Washable DURA™
	-	
Colour	1	1 = Grey RAL7035
Mounting	0	0 = Hook type 0 1 = Magnet 2 = Hook type 2
Not used	0	0 = None
Not used	0	0 = None
Not used	0	0 = None
Not used	0	0 = None
Not used	0	0 = None
Not used	0	0 = None
Cable Colour	1	1 = Grey RAL7035
Plug Type	D	D = Modular Jack
Cable Material	1	1 = PU
Cable	C	C = Coiled
Not used	0	0 = None

Chosen item number:

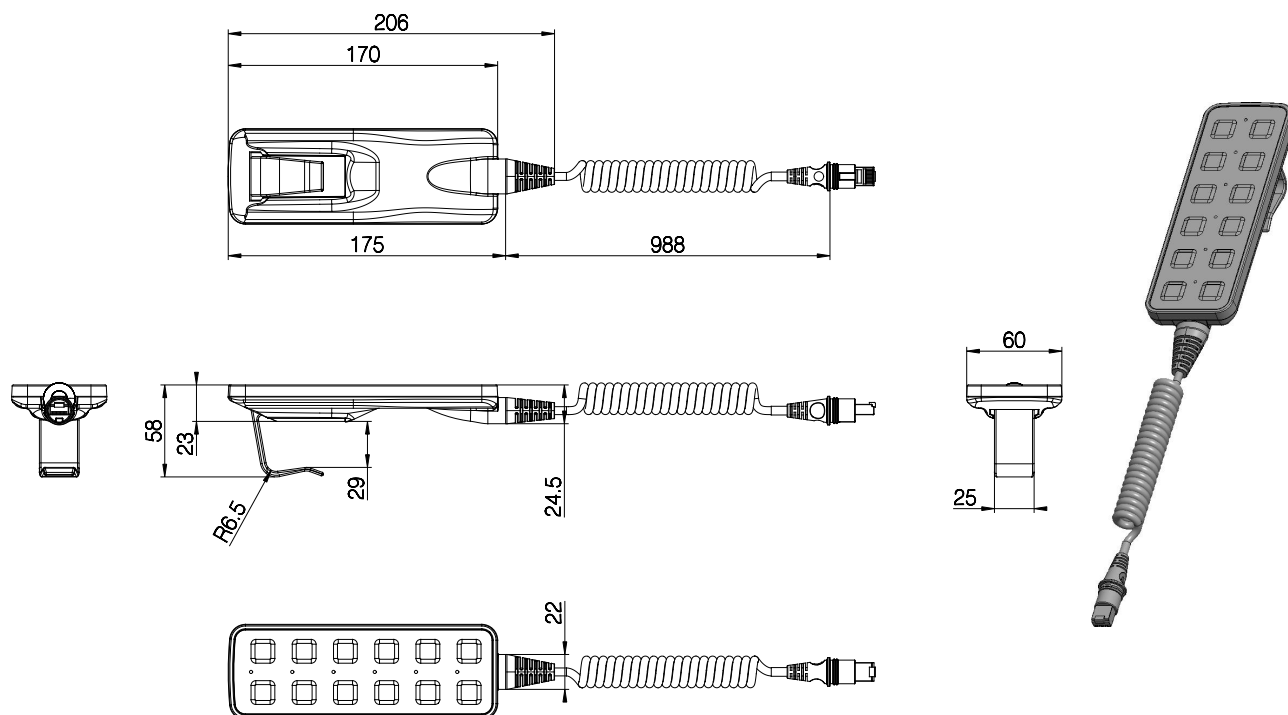
HB4006VX10001116-100000001D1C0

Dimension drawing

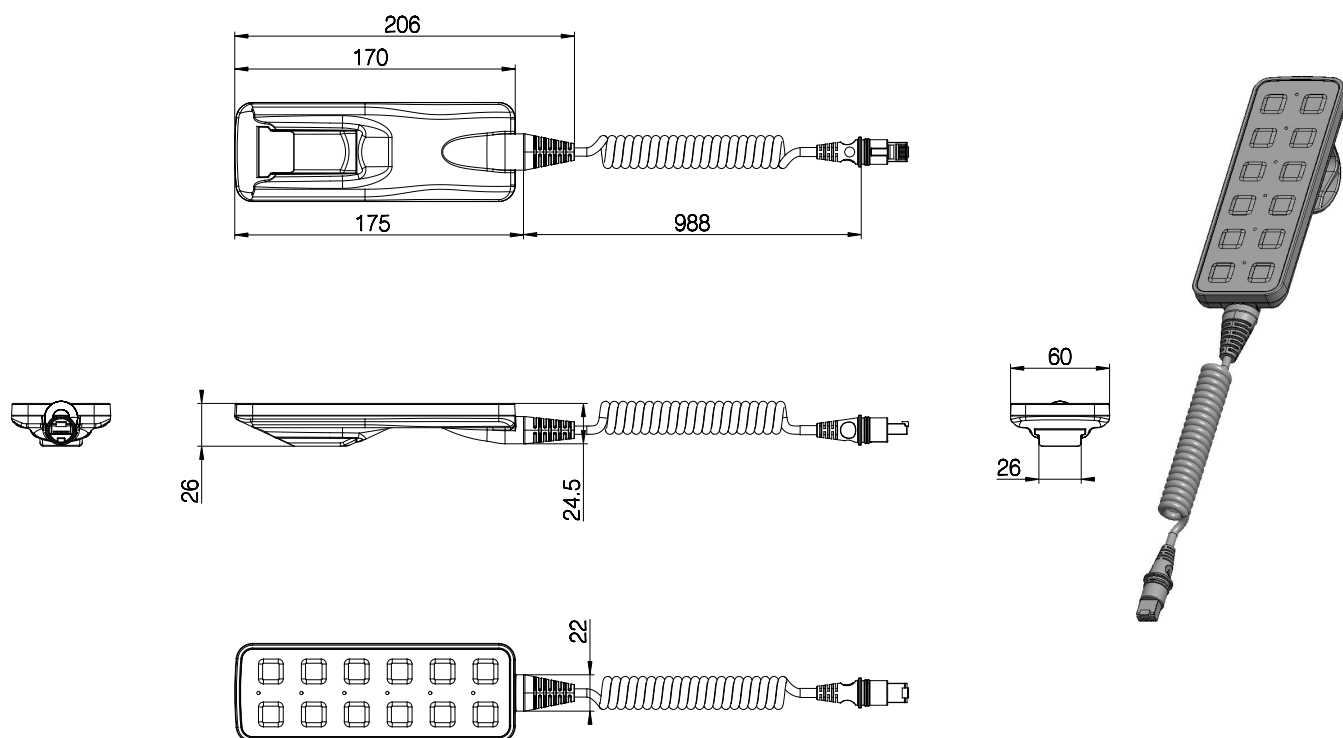
HB400 with hook type 0



HB400 with hook type 2



Drawing no.: 1050W4000

HB400 with magnet blind

Drawing no.: 1050W4000

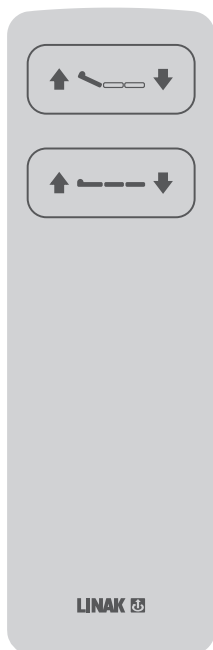
Magnet key - article no. 0858008

Front covers

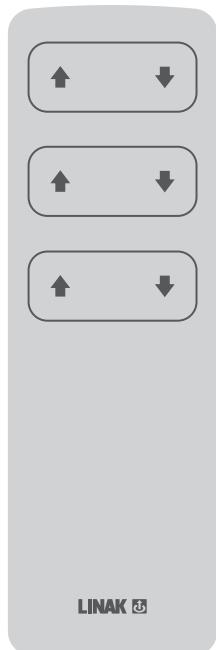
The standard front covers below have been designed for HB400. Some of them are with transparent areas. These are intended for hand controls with backlight.

HB400 standard front covers

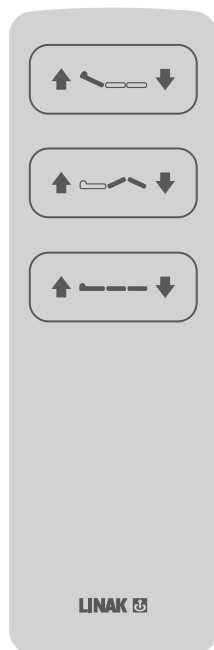
(not transparent, not for use with backlight)



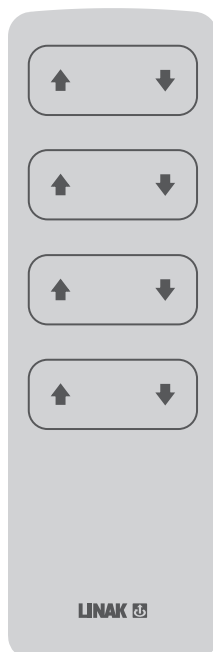
00HB4002A6001



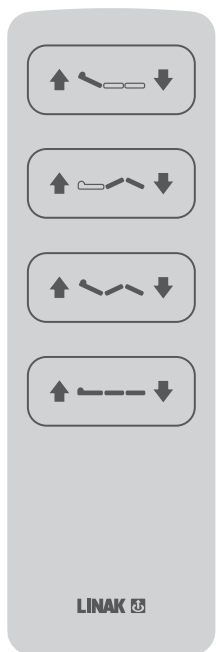
00HB4003A6001



00HB4003A6002



00HB4004A6001



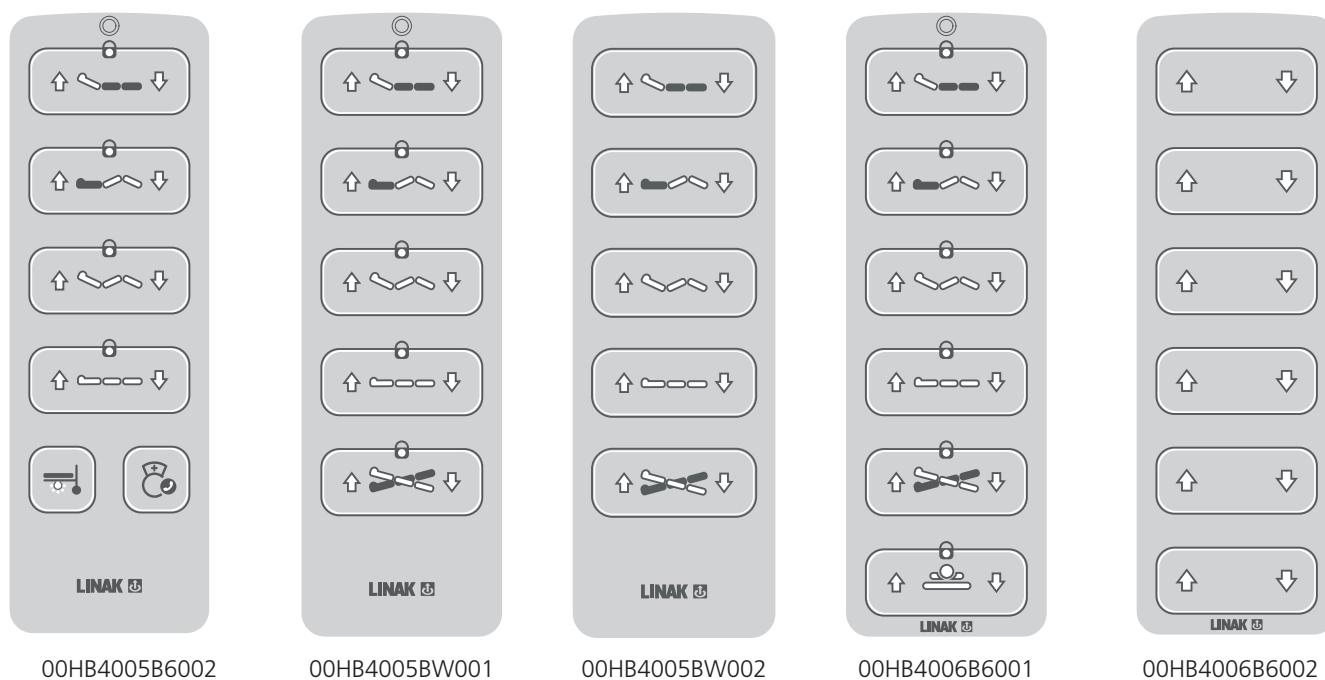
00HB4004A6002



00HB4005A6001

HB400 standard front covers

(transparent, intended for use with backlight)



Information

If a customer needs a template in order to make his own design, these are available on LINTRA. Use the link to standard front covers and choose the 'template' folder.



Information

Attention should be given to ensure that the channels shown correspond to the channels on the chosen control box as well as to the symbols on the front cover.

For customised front covers, please contact LINAK A/S.

Contacts

FACTORIES

Denmark - Headquarters

LINAK A/S
Phone: +45 73 15 15 15
Fax: +45 74 45 80 48
Fax (Sales): +45 73 15 16 13
Web: www.linak.com

China

LINAK (Shenzhen) Actuator Systems, Ltd.
Phone: +86 755 8610 6656
Phone: +86 755 8610 6990
Web: www.linak.cn

Slovakia

LINAK Slovakia s.r.o.
Phone: +421 51 7563 444
Web: www.linak.sk

Thailand

LINAK APAC Ltd.
Phone: +66 33 265 400
Web: www.linak.com

USA

LINAK U.S. Inc.
Americas Headquarters
Phone: +1 502 253 5595
Fax: +1 502 253 5596
Web: www.linak-us.com
www.linak-latinamerica.com

SUBSIDIARIES

Australia

LINAK Australia Pty. Ltd
Phone: +61 3 8796 9777
Fax: +61 3 8796 9778
E-mail: sales@linak.com.au
Web: www.linak.com.au

Austria

LINAK Zweigniederlassung - Österreich (Wien)
Phone: +43 (1) 890 7446
Fax: +43 (1) 890 744615
E-mail: info@linak.de
Web: www.linak.at - www.linak.hu

Belgium

LINAK Actuator-Systems NV/SA
(Belgium & Luxembourg)
Phone: +32 (0)9 230 01 09
E-mail: beinfo@linak.be
Web: www.linak.be - www.fr.linak.be

Brazil

LINAK Do Brasil Comércio De Atuadores Ltda.
Phone: +55 (11) 2832 7070
Fax: +55 (11) 2832 7060
E-mail: info@linak.com.br
Web: www.linak.com.br

Canada

LINAK Canada Inc.
Phone: +1 502 253 5595
Fax: +1 416 255 7720
E-mail: info@linak.ca
Web: www.linak-us.com

Czech Republic

LINAK C&S s.r.o.
Phone: +42 058 174 1814
Fax: +42 058 170 2452
E-mail: info@linak.cz
Web: www.linak.cz - www.linak.sk

Denmark - International

LINAK International
Phone: +45 73 15 15 15
E-mail: info@linak.com
Web: www.linak.com

Denmark - Sales

LINAK Danmark A/S
Phone: +45 86 80 36 11
Fax: +45 86 82 90 51
E-mail: linak@linak-silkeborg.dk
Web: www.linak.dk

Finland

LINAK OY
Phone: +358 10 841 8700
E-mail: linak@linak.fi
Web: www.linak.fi

France

LINAK France E.U.R.L
Phone: +33 (0) 2 41 36 34 34
Fax: +33 (0) 2 41 36 35 00
E-mail: linak@linak.fr
Web: www.linak.fr

Germany

LINAK GmbH
Phone: +49 6043 9655 0
Fax: +49 6043 9655 60
E-mail: info@linak.de
Web: www.linak.de

India

LINAK A/S India Liaison Office
Phone: +91 120 4531797
Fax: +91 120 4786428
E-mail: info@linak.in
Web: www.linak.in

Ireland

LINAK UK Limited (Ireland)
Phone: +44 (0)121 544 2211
Fax: +44 (0)121 544 2552
+44 (0)796 855 1606 (UK Mobile)
+35 387 634 6554 (Rep.of Ireland Mobile)
E-mail: sales@linak.co.uk
Web: www.linak.co.uk

Italy

LINAK ITALIA S.r.l.
Phone: +39 02 48 46 33 66
Fax: +39 02 48 46 82 52
E-mail: info@linak.it
Web: www.linak.it

Japan

LINAK K.K.
Phone: 81-45-533-0802
Fax: 81-45-533-0803
E-mail: linak@linak.jp
Web: www.linak.jp

Malaysia

LINAK Actuators Sdn. Bhd.
Phone: +60 4 210 6500
Fax: +60 4 226 8901
E-mail: info@linak-asia.com
Web: www.linak.my

Netherlands

LINAK Actuator-Systems B.V.
Phone: +31 76 5 42 44 40 /
+31 76 200 11 10
E-mail: info@linak.nl
Web: www.linak.nl

New Zealand

LINAK New Zealand Ltd
Phone: +64 9580 2071
Fax: +64 9580 2072
E-mail: nzsales@linak.com.au
Web: www.linak.com.au

Norway

LINAK Norge AS
Phone: +47 32 82 90 90
E-mail: info@linak.no
Web: www.linak.no

Poland

LINAK Polska
LINAK Danmark A/S (Spółka Akcyjna)
Phone: +48 22 295 09 70 /
+48 22 295 09 71
E-mail: info@linak.pl
Web: www.linak.pl

Republic of Korea

LINAK Korea Ltd.
Phone: +82 2 6231 1515
Fax: +82 2 6231 1516
E-mail: info@linak.kr
Web: www.linak.kr

Slovakia

LINAK Slovakia S.R.O.
Phone: +421 51 7563 444
Web: www.linak.sk

Spain

LINAK Actuadores, S.L.u
Phone: +34 93 588 27 77
Fax: +34 93 588 27 85
E-mail: esma@linak.es
Web: www.linak.es

Sweden

LINAK Scandinavia AB
Phone: +46 8 732 20 00
Fax: +46 8 732 20 50
E-mail: info@linak.se
Web: www.linak.se

Switzerland

LINAK AG
Phone: +41 43 388 31 88
Fax: +41 43 388 31 87
E-mail: info@linak.ch
Web: www.linak.ch - www.fr.linak.ch
www.it.linak.ch

Taiwan

LINAK (Shenzhen) Actuator systems Ltd.
Taiwan Representative office
Phone: +886 2 272 90068
Fax: +886 2 272 90096
E-mail: sales@linak.com.tw
Web: www.linak.com.tw

Turkey

LINAK İth. İhr. San. ve Tic. A.Ş.
Phone: +90 312 4726338
Fax: +90 312 4726635
E-mail: info@linak.com.tr
Web: www.linak.com.tr

United Kingdom

LINAK UK Limited
Phone: +44 (0)121 544 2211
Fax: +44 (0)121 544 2552
E-mail: sales@linak.co.uk
Web: www.linak.co.uk

DISTRIBUTORS

Argentina

Novotec Argentina SRL
Phone: 011-4303-8989 / 8900
Fax: 011-4032-0184
E-mail: info@novotecargentina.com
Web: www.novotecargentina.com

Colombia

MEM Ltda
Phone: +[57] (1) 334-7666
Fax: +[57] (1) 282-1684
E-mail: servicioalcliente@memltda.com.co
Web: www.mem.net.co

India

Mechatronics Control Equipments India Pvt Ltd
Phone: +91-44-28558484, 85
E-mail: bala@mechatronicscontrol.com
Web: www.mechatronicscontrol.com

Indonesia

PT. Himalaya Everest Jaya
Phone: +6 221 544 8956 /+6 221 544 8965
Fax: +6 221 619 1925
Fax (Sales): +6 221 619 4658
E-mail: hejplastic-div@centrin.net.id
Web: www.hej.co.id

Israel

NetivTech LTD
Phone: +972 55-2266-535
Fax: +972 2-9900-560
Email: info@NetivTech.com
Web: www.netivtech.com

Singapore

Servo Dynamics Pte Ltd
Phone: +65 6844 0288
Fax: +65 6844 0070
E-mail: servodynamics@servo.com.sg

South Africa

Industrial Specialised Applications CC
Phone: +27 011 466 0346
E-mail: gartht@isagroup.co.za
Web: www.isaza.co.za

United Arab Emirates

Mechatronics
Phone: +971 4 267 4311
Fax: +971 4 267 4312
E-mail: mechtron@emirates.net.ae

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