

ITEM 079828 HBA-079828

Description	Technical data	Accessories	Downloads
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Features

- › Handwheel 100 pulses, wear-free magnetic detent mechanism
- › 2 pushbuttons 2-stage, 1 NO contact each, e.g. for enabling function

Approvals



Mechanical values and environment

Material	Polycarbonate
Weight	Net 1,3 kg
Ambient temperature	0 ... 50 °C
Atmospheric humidity (condensation not permissible)	max.80 % rH

Degree of protection	IEC529 IP65 ^[1] Acc. to Nema 205-12 ^[2]
Resilience to vibration	Vibrations (3 axes) DIN/IEC 68-2-6 Shock (3 axes) DIN/IEC 68-2-27
Connection	Plug connector ^[3]
Cable length	coiled 3,775 m ^[4]
Detent positions per revolution	Handwheel 100 ^[5]

Electrical connection ratings

Operating voltage DC	Handwheel 5 V DC -5% ... 5%
Switching voltage	Pushbuttons max.DC 50 V ^[6] Pushbuttons max.AC 32 V ^[7]
Switching current	Pushbuttons max.100 mA
EMC protection requirements	Acc. to CE EN 61000-6-2, EN 61000-6-4
Type of output	Handwheel RS422
Connecting cable	23x0.14mm ² ^[8]
Pulses per revolution	Handwheel 2x100

Controls and indicators

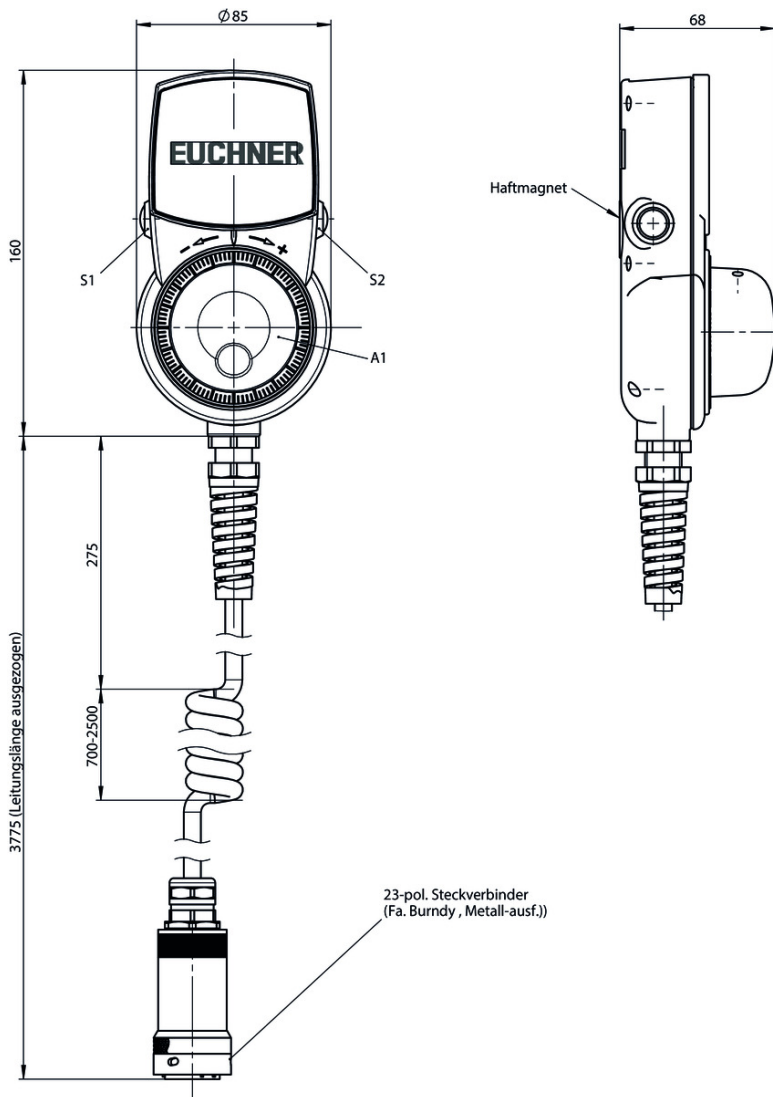
Control/indicator	2
Version	Push button
Switching element	1 NO contact each
Special features	-
Color	Black
Item	See data sheets
Control/indicator	1
Version	Handwheel
Switching element	-
Special features	-
Color	Black plastic adjusting wheel
Item	See data sheets

Miscellaneous





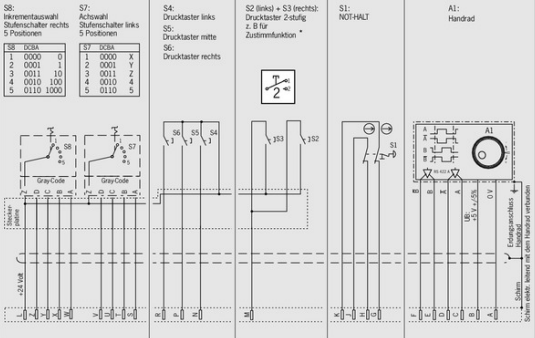
Color	Housing	Gray RAL 7040
For the approval according to UL the following applies		Operation only with UL class 2 power supply, or equivalent measures

- [1, 2] On the front
- [3] 23-pin, metal version
- [4] Extended
- [5] Magnetic detent mechanism
- [6, 7] ohmic load
- [8] Screened

Dimension drawing



Circuit plan

Ausführung/Artikel	Merkmale					Best. Nr.																								
	2 Stufenschalter je 5 Positionen S7, S8	3 Folien-drucktaster je 1 Schließer S4, S5, S6	2 Drucktaster 2-stufig S2, S3	NOT-HALT-Einrichtung S1	Handrad 100 Impulse A1																									
HBA - 079 828 			•		•	079 828																								
HBA - 079 826 	•		•	•	•	079 826																								
HBA - 072 936 		•	•	•	•	072 936																								
HBA - 079 827 	•	•	•	•	•	079 827																								
Verdrahtungsplan	<p>S8: Niveaustausch Stufenschalter rechts 5 Positionen</p> <table border="1"> <thead> <tr> <th>POS.</th> <th>CODE</th> </tr> </thead> <tbody> <tr><td>1</td><td>0000</td></tr> <tr><td>2</td><td>0001</td></tr> <tr><td>3</td><td>0011</td></tr> <tr><td>4</td><td>0010</td></tr> <tr><td>5</td><td>0110</td></tr> </tbody> </table> <p>S7: Aktivwahl Stufenschalter links 5 Positionen</p> <table border="1"> <thead> <tr> <th>POS.</th> <th>CODE</th> </tr> </thead> <tbody> <tr><td>1</td><td>0000</td></tr> <tr><td>2</td><td>0000</td></tr> <tr><td>3</td><td>0011</td></tr> <tr><td>4</td><td>0010</td></tr> <tr><td>5</td><td>0110</td></tr> </tbody> </table> <p>S4: Drucktaster links S5: Drucktaster mitte S6: Drucktaster rechts</p> <p>S2 links + S3 rechts: Drucktaster 2-stufig + S für Zustromfunktion *</p> <p>S1: NOT-HALT</p> <p>A1: Handrad</p>  <p>* Schaltwegdiagramm siehe Seite 6</p>					POS.	CODE	1	0000	2	0001	3	0011	4	0010	5	0110	POS.	CODE	1	0000	2	0000	3	0011	4	0010	5	0110	
POS.	CODE																													
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Mounting accessories

Holder for HBA



100221 HALTER HBA-100221

Features

- › Plastic holder
- › Black



072828 HALTER HBA072828

Features

- › Plastic holder
- › gray



072935 HALTER HBA M

Features

- › Plastic holder
- › gray
- › Handwheel can be operated in the holder



109979 HALTER HBA-109979

Features

- › Plastic holder
 - › Black
 - › Handwheel can be operated in the holder
-

Function expansion

23-pin short-circuit plug

083457 23POL/METALLAUSFUEHRUNG-083457

Extension cable 23-core, straight



091466 23POL/5M/METALLAUSFUEHRUNG-091466

Features

- › Extension cable
 - › Flange plug connector with socket contacts, 23-pin
 - › Plug connector with male contacts, 23-pin
 - › Bayonet plug lock
 - › PUR cable
 - › Cable length 5 m, straight
-



091467 23POL/10M/METALLAUSFUEHRUNG

Features

- › Extension cable
 - › Flange plug connector with socket contacts, 23-pin
 - › Plug connector with male contacts, 23-pin
 - › Bayonet plug lock
 - › PUR cable
 - › Cable length 10 m, straight
-

Flange connector, 23-pin

074384 23POL/METALLAUSFUEHRUNG-074384












Instructions

Návod k použití ručních ovladačů HBA

Doc. no. **Version** **Language** **Download**







Betriebsanleitung Handbediengeräte HBA Mode d'emploi des pupitres portables HBA Istruzioni di impiego dispositivi di comando manuale HBA Operating instructions for hand-held pendant stations HBA	2072850	07-03/18	   	 0.8 MB
Manual de instrucciones de las botoneras HBA	2072850	07-03/18		 0.2 MB
Návod k použití ručních ovladačů HBA	2072850	07-03/18		 0.3 MB
Инструкция по эксплуатации ручных устройств управления HBA	2072850	07-03/18		 0.4 MB

Инструкция по эксплуатации электронного маховичка HBA с магнитной фиксацией

	Doc. no.	Version	Language	Download
Betriebsanleitung Elektronisches HBA-Handrad mit magnetischer Rastung Mode d'emploi de la manivelle électronique pour pupitre portable HBA avec crantage magnétique Istruzioni di impiego volante elettronico per HBA con autoritenuta magnetica Operating instructions for electronic HBA handwheel with magnetic detent	105823	02-04/09	   	 0.6 MB
Manual de instrucciones del volante HBA electrónico con parada magnética	105823	02-04/09		 0.2 MB
Инструкция по эксплуатации электронного маховичка HBA с магнитной фиксацией	105823	02-04/09		 0.3 MB
Návod k použití – elektronické ruční kolečko HBA s magnetickou aretací	105823	02-04/09		 0.2 MB

Catalogs

Handbediengeräte/Handräder Hand-Held Pendant Stations/Handwheels Pupitres portables/Manivelles

	Doc. no.	Version	Language	Download
Handbediengeräte/Handräder	098619	08-09/17		 3.0 MB
Pupitres portables/Manivelles	111529	08-09/17		 3.0 MB
Hand-Held Pendant Stations/Handwheels	099443	08-09/17		 3.0 MB

CAD data

CAD data for this item on TraceParts