

ITEM 111711 HBM-111711

Description	Technical data	Accessories	Downloads
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Features

- › Handwheel 100 pulses, wear-free magnetic detent mechanism
- › 6 illuminated pushbuttons, can be individually labeled
- › Tamper-proof EMERGENCY STOP device according to EN 13850, dual-channel
- › 2 selector switches, 6 positions each (X, Y, Z, 4, 5, 6 and 0, 0.1, 1, 10, 100, 1000)
- › Enabling switches, 3-stage
- › Coiled cable, expandable to 3.5 m, 35-core, flying lead

Approvals



Mechanical values and environment

Material	Pocan
Weight	

	Net	1,4 kg
Ambient temperature		0 ... 50 °C
Atmospheric humidity		
Condensation not permissible		max.80 % rH
Degree of protection		
	IEC529	IP65 ^[1]
	acc. to NEMA 250	250-12 ^[2]
Resilience to vibration		
Vibrations (3 axes)		DIN/IEC 68-2-6
Shock (3 axes)		DIN/IEC 68-2-27
Connection		Flying leads
Cable length		
	coiled	3,5 m ^[3]
Detent positions per revolution		
	Handwheel	100

Electrical connection ratings

Operating voltage DC		
	Handwheel	5 V DC -5% ... 5%
Utilization category according to EN 60947-5-2		
	DC-13	30V DC / 1A
Switching voltage		
	Enabling switch	max.AC/DC 42 V
	Selector switch	max.15 V
	Key	max.AC/DC 250 V
Switching current		
	Enabling switch	max.100 mA
	Selector switch	max.20 mA
	Key	max.5000 mA
EMC protection requirements		
	Acc. to CE	EN 61000-6-2, EN 61000-6-4
Type of output		
	Handwheel	RS422
Connecting cable		35x0.14mm ² ^[4]
Pulses per revolution		
	Handwheel	2x100
Breaking capacity (VA)		
	Enabling switch	max.1 VA
	Selector switch	max.0,2 VA
Power supply LED		
	Mounted in pushbutton	max.24 V DC ^[5]

Controls and indicators

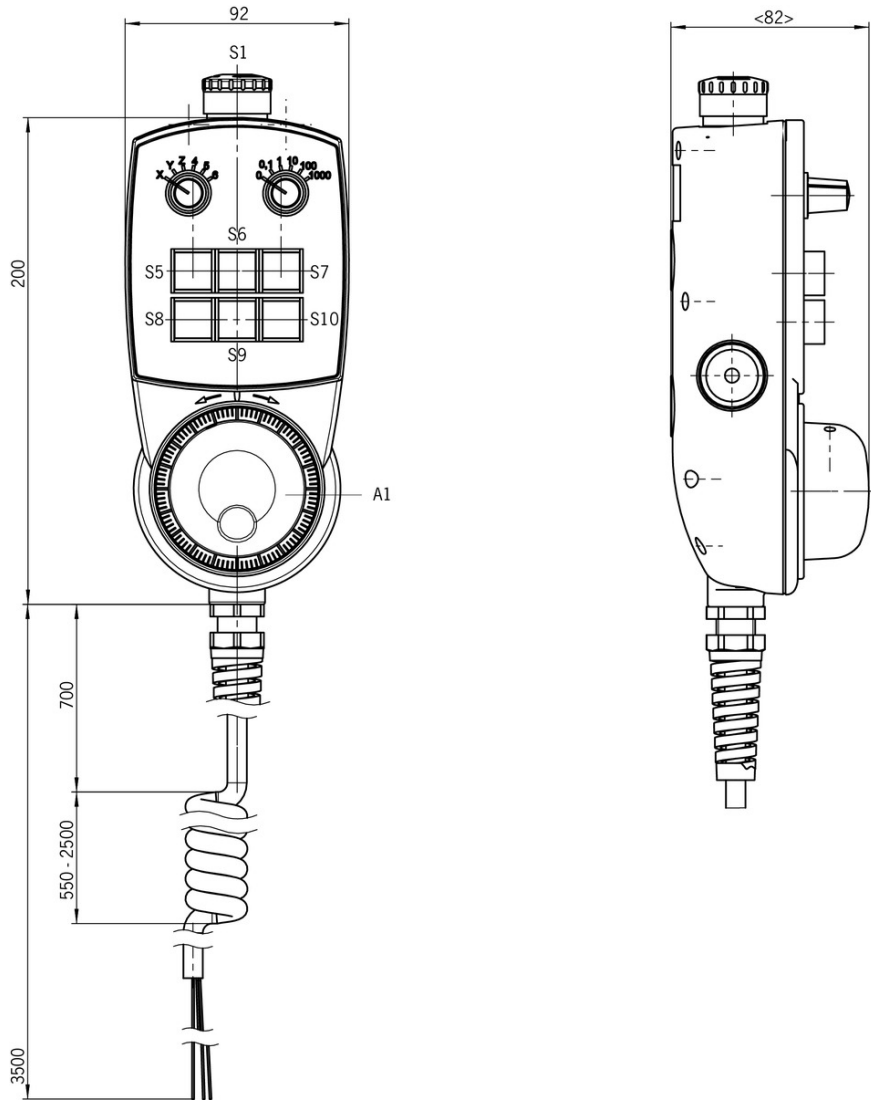
Control/indicator	1
Version	Emergency stop
Switching element	2 positively driven contacts
Special features	-
Color	Red-yellow
Item	See data sheets
Control/indicator	1
Version	Enabling switches, 3-stage
Switching element	2 NO contacts
Special features	-
Color	-
Item	See data sheets
Control/indicator	1
Version	Selector switch
Switching element	6-stage, Gray coded, detent angle 22.5°
Special features	-
Color	Black knob with marking
Item	See data sheets
Control/indicator	1
Version	Selector switch
Switching element	6-stage, Gray coded, detent angle 22.5°
Special features	-
Color	Black knob with marking
Item	See data sheets
Control/indicator	6
Version	Key
Switching element	1 NO contact each
Special features	With white LED, can be labeled
Color	-
Item	See data sheets
Control/indicator	1
Version	Handwheel
Switching element	-
Special features	-
Color	Black plastic adjusting wheel
Item	See data sheets

Miscellaneous

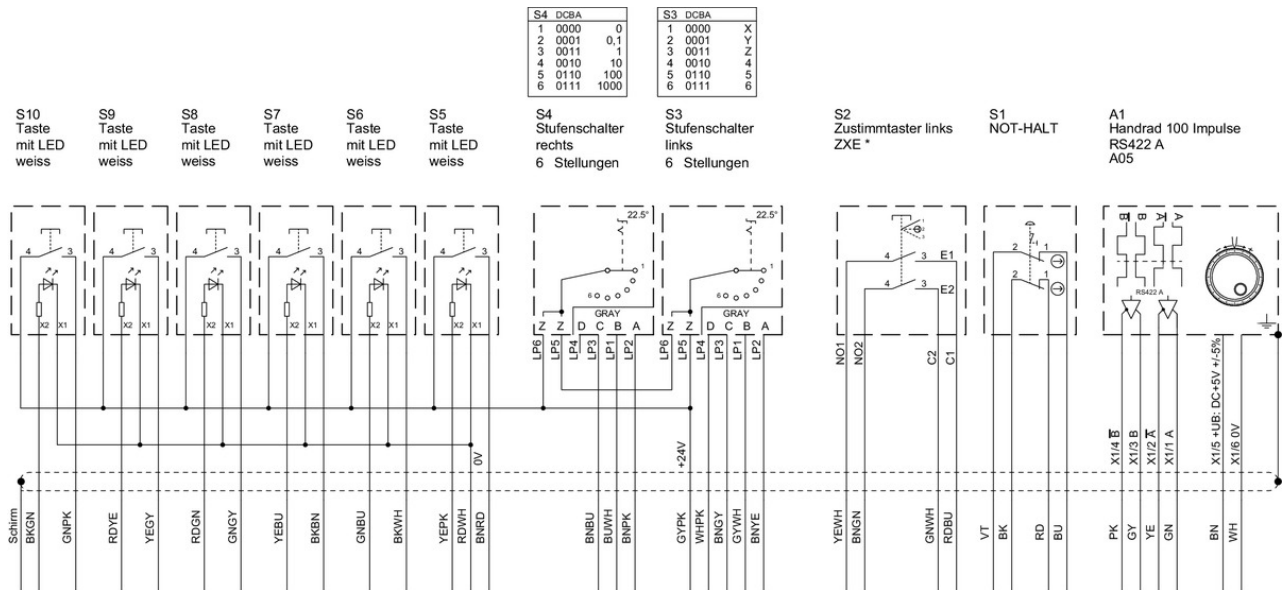
Color	
Housing	Anthracite
For the approval according to UL the following applies	Operation only with UL class 2 power supply, or equivalent measures

- [1, 2] On the front
- [3] Extended
- [4] Screened
- [5] at 14mA

Dimension drawing



Circuit plan



Function expansion

- Flange connector, 35-pin

074386 35POL/METALLAUSFUEHRUNG-074386

- 35-pin short-circuit plug

083459 35POL/METALLAUSFUEHRUNG-083459

- Plug connector 35-pin

074395 35POL/METALLAUSFUEHRUNG-074395

- Extension cable 35-core, straight



092657 35POL/15M/METALLAUSFUEHRUNG

- Features

- › Extension cable
- › Flange plug connector with socket contacts, 35-pin
- › Plug connector with male contacts, 35-pin
- › Bayonet plug lock
- › PUR cable
- › Cable length 15 m, straight

Mounting accessories

▼ Holder for HBM



112335 HALTER HBM 112335

Connection material

▼ Connection cable for hand-held pendant stations HBA/HBM, straight



115535 VERLAENGERUNGSLEITUNG 10M/35POL/MET

▼ Features

- › Flange plug connector with socket contacts, 35-pin
- › Plug connector with male contacts, 35-pin
- › Bayonet plug lock
- › PUR cable
- › Cable length 10 m, straight

Instructions

▼ Betriebsanleitung Elektronisches HBA-Handrad mit magnetischer Rastung

	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
Návod k použití – elektronické ruční kolečko HBA s magnetickou aretací	105823	02-04/09		0.2 MB
Инструкция по эксплуатации электронного маховичка HBA с магнитной фиксацией	105823	02-04/09		0.3 MB







▼ Betriebsanleitung Handbediengeräte HBM

	Doc. no.	Version	Language	Download
Betriebsanleitung Handbediengeräte HBM Mode d'emploi des pupitres portables HBM Istruzioni di impiego dispositivi di comando manuale HBM Operating instructions for hand-held pendant stations HBM	112272	01-02/11	 	0.6 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

Declaration of conformity

EU-Konformitätserklärung

	Doc. no.	Version	Language	Download
EU-Konformitätserklärung Declaración UE de conformidad Déclaration UE de conformité Dichiarazione di conformità EU declaration of conformity	2109732	05-08/16	    	 0.2 MB

EU-Konformitätserklärung

	Doc. no.	Version	Language	Download
EU-Konformitätserklärung EU declaration of conformity Declaración UE de conformidad Déclaration UE de conformité Dichiarazione di conformità	2105755	08-03/17	    	 0.2 MB

CAD data

CAD data for this item on TraceParts