

# MAGNETIC GRIPPER

## SERIES HEM1000

### ▶ PRODUCT ADVANTAGES



#### ▶ **Plug and play**

Reduce your installation effort to a minimum by using the single cable solution and the simple control system via plus and minus buttons




#### ▶ **Saving energy with pulse control**

You only have to supply current briefly when releasing the workpiece; no energy is required when transporting the workpiece

#### ▶ **Secure hold during EMERGENCY STOP**

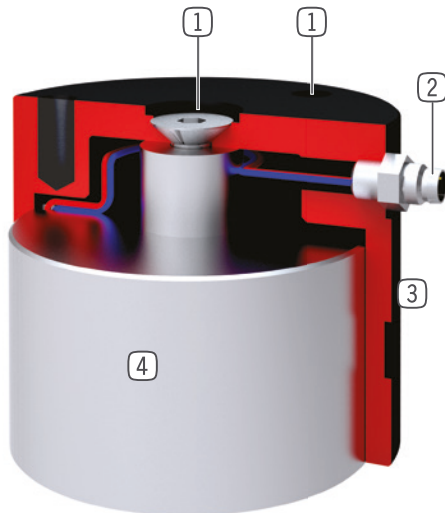
The magnet provides full holding force when it is not powered, preventing the loss of the workpiece if there is a voltage drop

### ▶ SERIES CHARACTERISTICS

Installation size		Version
HEM10XX		NC
 Digital I/O		●
 5 million maintenance-free cycles (max.)		●
 IP30		●



## ► BENEFITS IN DETAIL



- ① **Mounting and positioning**
  - via centering sleeve and thread
- ② **Energy supply**
  - standardized interface M8 round plug
- ③ **Robust, lightweight housing**
  - Hard-coated aluminum alloy
- ④ **Holding solenoid**
  - with electrical switch off

## ► TECHNICAL DATA

Installation size	Retention force max.*	Max. residual retention force	Weight	IP class
	[N]	[N]	[kg]	
HEM1030	40	1.2	0.09	IP30
HEM1042	160	4.8	0.28	IP30
HEM1062	420	12.6	0.66	IP30
HEM1080	720	21.6	1.3	IP30

\*St37-100%, St34 -88%, St 50-81%, St70-75%, GT-65%, 20MnCr5-55%, GG-35%

## ► FURTHER INFORMATION IS AVAILABLE ONLINE



All information just a click away at: [www.zimmer-group.com](http://www.zimmer-group.com). Find data, illustrations, 3D models and operating instructions for your installation size using the order number for your desired product. Quick, clear and always up-to-date.

# MAGNETIC GRIPPER

## INSTALLATION SIZE HEM1080

### ▶ PRODUCT SPECIFICATIONS



### ▶ RECOMMENDED ACCESSORIES



#### CONNECTIONS / OTHER



**KAG500**  
Plug-in connector Straight Cable 5m - Socket M8 (female)



**KAW500**  
Plug-in connector Angled Cable 5m - Socket M8 (female)



**S8-G-3**  
Plug-in connector customizable Straight - Connector M8



#### CONNECTIONS / OTHER



**S8-W-3**  
Plug-in Connector Customizable Angled - Connector M8



**KG80**  
Ball Joints



**ZE10H7X6**  
Centering Disc

Order no.	▶ Technical data
	<b>HEM1080NC</b>
Retention force max. [N]*	720
Max. residual retention force [N]	21.6
Minimum coating thickness [mm]	6
Duty cycle max. with a cycle time < 2 min [%]	25
Duty cycle max. with a cycle time < 0.5 min [%]	40
Input power [W]	13.3
Voltage [V]	24
Operating temperature min. [°C]	-25
Operating temperature max. [°C]	+80
Protection to IEC 60529	IP30
Weight [kg]	1.3

\*St37-100%, St34 -88%, St 50-81%, St70-75%, GT-65%, 20MnCr5-55%, GG-35%

