

SENSOR SWITCHES – STAINLESS STEEL CYLINDERS

REED SWITCH AND NON-CONTACT SENSOR SWITCH TYPES

Humphrey Reed Type and Non-Contact Type Sensor Switches offer a cost-effective interface “input” from pneumatic automation to electrical control systems. Available for any cylinder or actuator ordered with a piston magnet, Humphrey Sensor Switches close, providing a PLC “input” as the internal magnet field is sensed. Reed Switch Types are cost effective, and Non-Contact Types ensures long life, due to no moving parts.

TYPE:

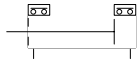
- Reed Switch, Non-Contact

TYPES:

- Reed 2-wire without LED – (DC or AC)
- Reed 3-wire with LED – (DC or AC)
- Non-Contact 2-wire with LED – 5 – 25VDC

OPTIONS AND ACCESSORIES:

Long lead length (3600mm), PSMK mounting kit may be ordered with switch or separately.



MODEL	TYPE	Load Voltage DC	Load Voltage AC	Load Current DC	Load Current AC	LED	Lead Length mm*	Applicable Name of Base Model Code
RS2	2-wire, Reed	200V	140V	1 amp	1 amp	none	600 (3600)	Humphrey SST Cylinder
RS4	3-wire, Reed					Red		
GMR1	3-wire, Non-Contact	5-25V	N/A	25mA	N/A	N/A		

* Length in parenthesis is optional length, at extra charge.



RS4



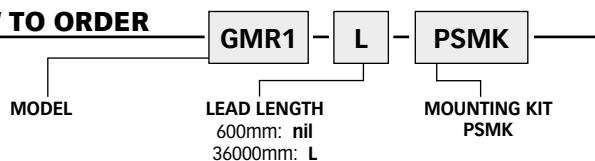
GMR1



5-DP-4M with two RS-2-PSMK switches

ACCESSORIES

HOW TO ORDER



HOW TO OBTAIN SPECIFICATIONS FOR CYLINDERS

- Go to www.humphrey-products.com
- Select “Online Product Guide.” Follow the steps to get the cylinder you need.
- Once the specifications have been entered, select “Download Spec Sheet” to create a personalized PDF of the cylinder, which you may save to your computer and print at your convenience. These spec sheets are helpful when placing your order(s).

HOW TO ORDER HUMPHREY CYLINDERS AND ACCESSORIES

- Go to www.humphrey-products.com
- Select “Find A Distributor” and input your information to locate a distributor nearest you.
- Or, call Customer Service at 1-800-477-8707 for the name and phone number of your local distributor.

HUMPHREY PRODUCTS ARE SOLD WORLD-WIDE THROUGH AUTHORIZED DISTRIBUTORS

SENSOR SWITCHES – ALL OTHER ACTUATORS

REED SWITCH AND NON-CONTACT SENSOR SWITCH TYPES

Humphrey Reed Type and Non-Contact Type Sensor Switches offer a cost-effective interface “input” between pneumatic automation and electrical control systems. Available for any actuator ordered with a piston magnet, Humphrey Sensor Switches close, providing a PLC “input” as the internal magnet field is sensed. Reed Switch Types are cost effective, and Non-Contact Types ensure long life, due to no moving parts.

TYPES:

- Reed Switch, Non-Contact

DESIGNS:

- Reed 2-wire without LED – (DC or AC)
- Reed 2-wire with LED – (DC or AC)
- Non-Contact 2-wire with LED – DC only
- Non-Contact 3-wire with LED – DC only

OPTIONS AND ACCESSORIES:

Standard lead lengths (1000, 3000 or 5000mm). Mounting accessories included.



ZE135



ZE235A



ZC130



ZG530

MODEL*	TYPE	Load Voltage		Load Current		Applicable Name of Base Model Code
		DC	AC	DC	AC	
CS5T	2-wire, Reed	5-28V	85-115V	0.1-40mA	2-25mA	Multi-Mt, Twin-Rod 6mm, HRAPS, Swing
ZE101 (ZE201)	2-wire, Reed	5-28V		40mA	20mA	Mini-Bit, Mini-Guide, Twin Rod, HORV Rodless, Grippers, Guided Block
ZE102 (ZE202)	2-wire, Reed, LED	10-28V		5-40mA	5-20mA	
CS3M	2-wire, Reed, LED	10-30V		10-50mA	10-50mA	Swing
CS4M	2-wire, Reed, LED	10-30V	5-25mA	5-20mA		
CS4H	2-wire, Reed, LED	10-30V	N/A	5-25mA	5-20mA	Block
CS9H	3-wire, Non-Contac, LED	4-28V		100mA	N/A	Multi-Mt, Twin-Rod 6mm, HRAPS, Swing
ZC130 (ZE230)	2-wire, Non-Contact, LED	10-28V		4-50mA		
ZC153 (ZE253)	3-wire, Non-Contact, LED	4.5-28V		100mA		
ZE135 (ZE235)	2-wire, Non-Contact, PNP, LED	10-28V	4-20mA	Mini-Bit, Mini-Guide, Twin Rod, HORV Rodless, Grippers, Guided Block		
ZE155 (ZE255)	3-wire, Non-Contact, LED	4.5-28V	50mA			
ZE175 (ZE275)	3-wire, Non-Contact, PNP, LED	4.5-28V	50mA	Swing		
ZG530	2-wire, Non-Contact, LED	10-28V	4-50mA			
ZG553	3-wire, Non-Contact, LED	4.5-28V	100mA			

*Models in parenthesis are vertical electrical entry. Others are horizontal entry.



HMGAE5 with ZE135

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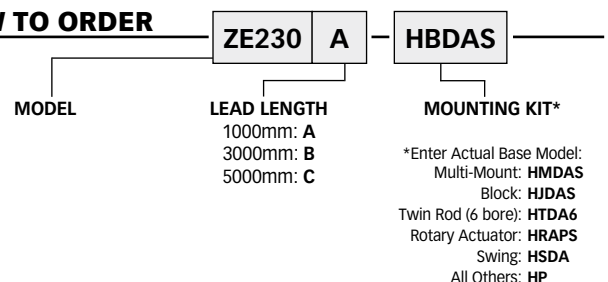
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