

Accessories

Limit / Proximity Switches



Product Description

- The limit switch can convert the opening or closing status of the ball valve into an electrical signal, facilitating remote display and monitoring of the opening and closing status of the ball valve.
- All ball valves can be supplied with Limit controls

Technical Specifications

Limit Switch:

Contacts type and composition:

1 NC +1 NO

Protection class:

IP 65

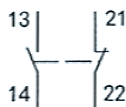
Mechanical durability:

10 x 10⁶ cycles

Permitted ambient temperature:

-25 ° C to +70 ° C

Wiring diagram:



Inductive proximity switch:

Type of construction:

Cylindrical form M12

Sensing distance:

4 mm

Setting distance:

0 to 3.2 mm

Output:

NPN open collector /NO

Protection class:

IP 67

Power supply voltage:

10 - 30 V DC (including 10% ripple (p-p))

Nominal voltage:

12 - 24 V DC

Switching current:

≤ 200 mA

Current consumption:

< 10 mA

Switching frequency:

1000 Hz

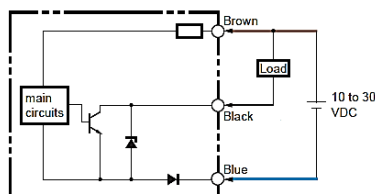
Permitted ambient temperature:

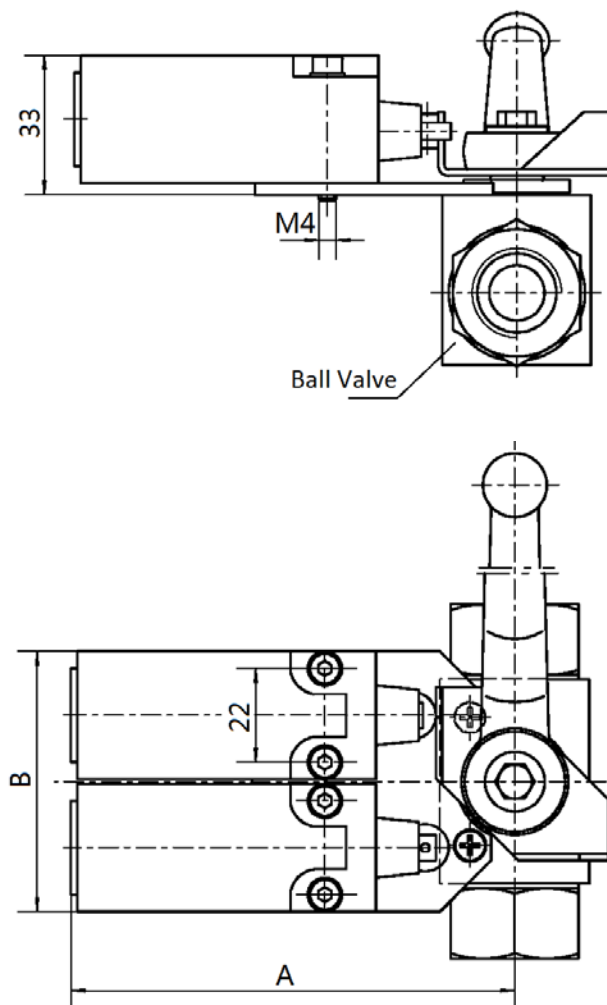
-25 ° C to +70 ° C

Function display:

LED

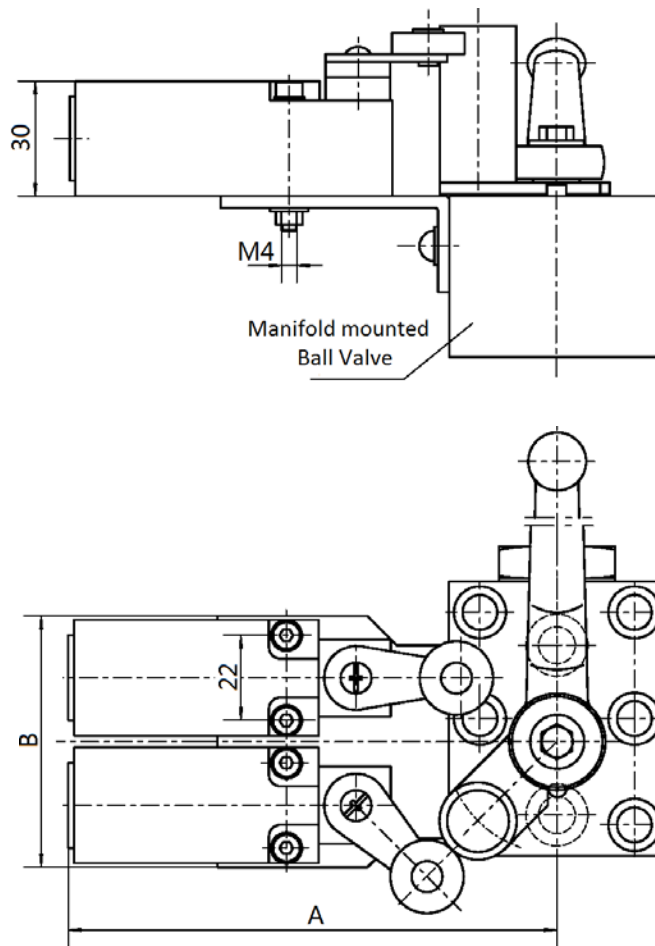
Circuit Diagrams:



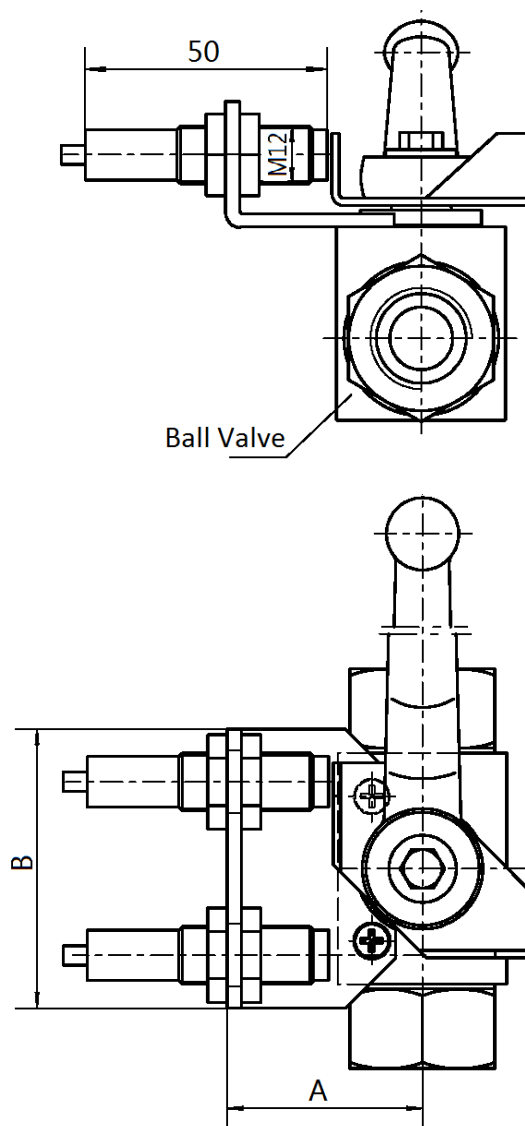


Ball valve nominal diameter	A	B
DN4~13	104	61
DN16	108	68
DN20~25	108	68
DN32~50	115	72

Technical Drawings and Dimension
E- Limit switch(roller lever)



Ball valve nominal diameter	A	B
DN6~10	127	65
DN16	129	70
DN20~25	130	70
DN32	138	70
DN40~50	147	96



Ball valve nominal diameter	A	B
DN4~13	40.5	58
DN16	45	68
DN20~25	46	68
DN32~50	52	72

EVOTEK Limit / Proximity Switches

Order Codes

Ball Valve Type	-	A	B
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EHAB-G3/8-B-02-CCM	-	C	1
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Select the code for each ball valve feature according to your requirements and place it in the sequence (see example above) to create the corresponding product order code.

A Connection Size

C	Limit switch(roller plunger)
E	Limit switch(roller lever)
L	Inductive proximity switch

C O-Ring Material

0	Not assemble limit/proximity switch
1	Monitor ball valve in open position
2	Monitor ball valve in closed position
3	Monitor ball valve in open and closed positions