



Know-how makes the difference

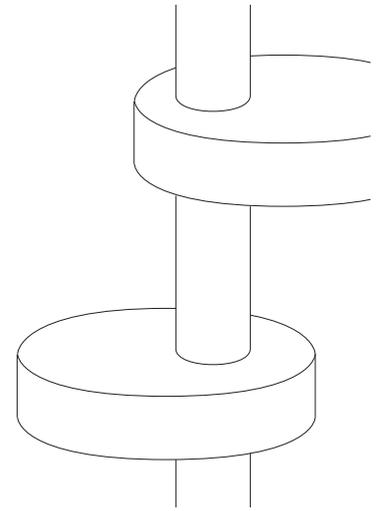


Limit Switches



With Dansk Ventil Center as your business partner, you are always guaranteed a wide and well sorted product range and a unique technical know-how

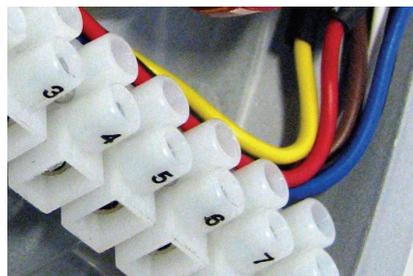
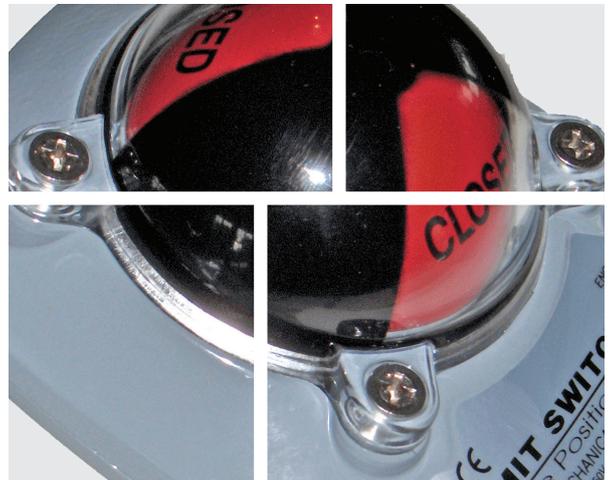
Product development is a key factor for DVC, ensuring you the best products at any time



CE approved
Long Service
Easy Mounting
Easy Adjusting
Value for Money
Captive Cover Bolts

What is important to you, when you buy Limit Switches?
What about: CE-approved? ATEX-approved? Long service?
Large program? Value for money? Versatile & easy mounting?

Limit Switches from DVC are characterized by their easy mounting and easy adjusting. The Limit Switches are available in a wide range of dimensions and at very competitive prices.



Materials

Description	Material
Housing Cover & Body	Aluminium die casting
Shaft	Stainless steel
Indicator Cover	Polycarbonate
Cam	Polycarbonate
Spring	Stainless steel
Housing Cover Bolt	Stainless steel
O-ring	NBR
Bushing	Bronze
E-ring (shaft)	Stainless steel
Grounding	Stainless steel
Indicator	ABS / Polycarbonate
Bracket	Stainless steel



Features

Specifications	Type 5320	Type 5311	Type 5312	Type 5313
Enclosure	IP 67 & NEMA 4 & 4X	IP 67 & NEMA 4 & 4X	IP 67 / NEMA 4 & 4X Explosion proof E EX d IIB T6	IP 67 / NEMA 4 & 4X Explosion proof E EX d IIC T6
Cable entries	2 x M20	2 x M20	2 x M20	2 x M20
Ambient temperature	-20° C. - 80° C.			
Terminal strips	8 points (0.08 - 2.5 [□])			
Position indicator	0 - 90° (90° turn free join) close: red - open: green	0 - 90° (90° turn free join) close: red - open: green	0 - 90° (90° turn free join) close: red - open: green	0 - 90° (90° turn free join) close: red - open: green
Switches	2 x mechanical switches	2 x mechanical switches	2 x mechanical switches	2 x mechanical switches
Painting	Chromate Polyester powder coating (grey)			

Optional specifications

Specifications	Type 5320	Type 5311	Type 5312	Type 5313
Enclosure	IP 68	IP 68	IP 68	IP 68 Explosion proof E EX d IIB T6 Explosion proof E EX ia IIC T6
Cable entries	2 x PF 1/2", PT 1/2", NPT 1/2", PG 13.5	2 x PF 1/2", PT 1/2", NPT 1/2", PG 13.5	4 x PF 3/4", PT 3/4", NPT 3/4", M25	2 x NPT 3/4", PT 3/4"
Option temperature	-	-	-40° C. - 80° C. -20° C. - 150° C.	-
Terminal strips	-	16 points (0.08 - 2.5 [□])	20 points (0.08 - 2.5 [□])	-
Position indicator	Three positions close: red - open: green			
Switches	-	4 x mechanical switches 4 x proximity sensors	4 x mechanical switches 4 x proximity sensors	4 x mechanical switches 4 x proximity sensors
Potentiometer	-	1k Ohm standard 5k Ohm. 0-10k Ohm	1k Ohm standard 5k Ohm. 0-10k Ohm	1k Ohm standard 5k Ohm. 0-10k Ohm
Current output signal unit	-	4~20mA DC 12.5 - 37VDC (24V typical)	4~20mA DC 12.5 - 37VDC (24V typical)	4~20mA DC 12.5 - 37VDC (24V typical)
Switches	2 x proximity sensors			
Painting	Nylon, others on request red, blue, yellow, silver			

Type 5320 - Small and compact for standard operation



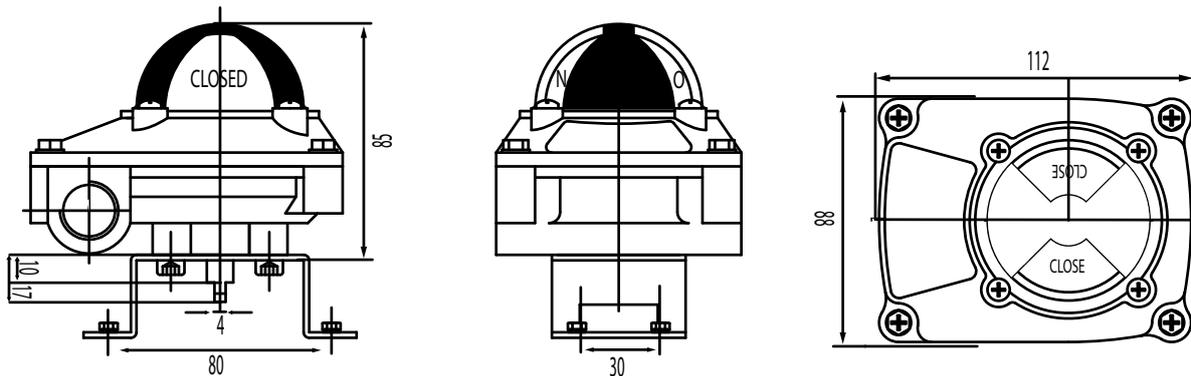
Mechanical Limit Switch Type 5320

Voltage
250V/3A AC, 125V/5A AC,
250V/0,2A DC, 125V/0,4A DC,
30V/4A DC

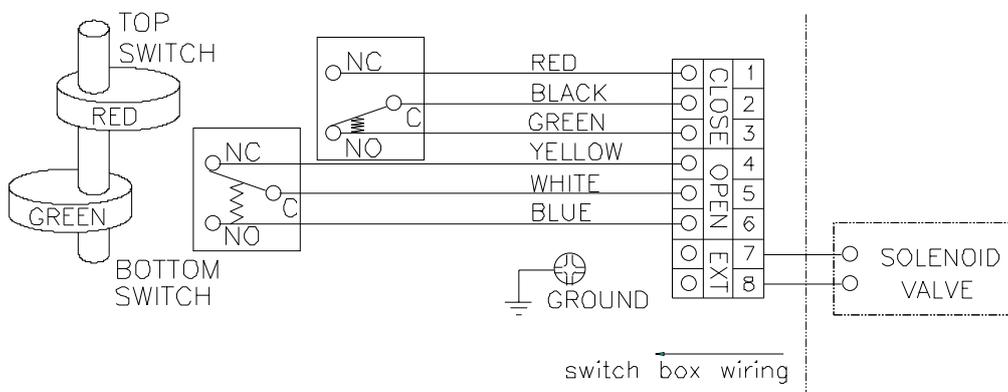


- Enclosure: IP 67 / NEMA 4 & 4X (standard) IP 68 (option).
- Solid and compact design.
- Bolts on visual position indicator.
For easy adjustment - simply unfasten the bolts and turn the indicator.
- Dual cable entries: 2 x M20 (standard).
NPT 1/2", PG 13.5, PF 1/2", PT 1/2" (option).
- Terminal Strips: 8 points (0.08-2.5[□])
- Captive cover bolts.
- Easy mounting bracket.
NAMUR standard stainless steel shaft and bracket.
- Indicator
The Limit Switch can be delivered with indicator for 2-way, L or T configuration valves.

■ Dimensions



■ Wiring



Type 5311 - Solid and flexible design for various applications



Mechanical Limit Switch Type 5311

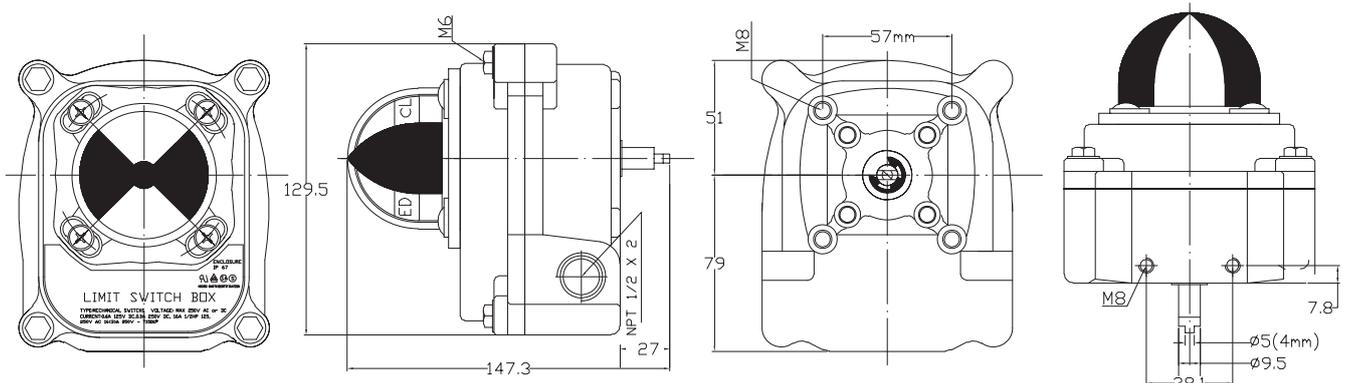
Voltage

250V/3A AC, 125V/5A AC,
250V/0,2A DC, 125V/0,4A DC,
30V/4A DC

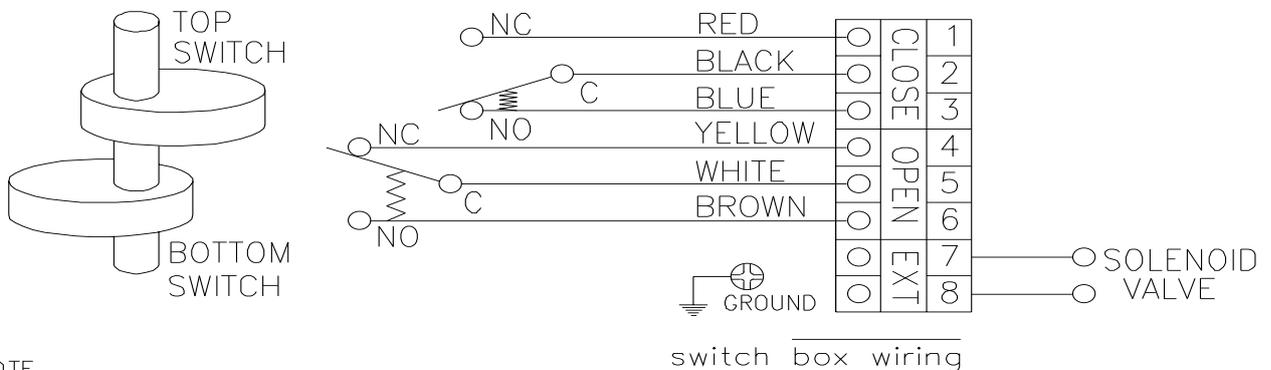


- Enclosure: IP 67 / NEMA 4 & 4X (standard) IP 68 (option).
- Solid design and various options available.
3-4 additional switches, 8-16 points Terminal Strips
- Bolts on visual position indicator.
For easy adjustment - simply unfasten the bolts and turn the indicator.
- Dual cable entries: 2 x M20 (standard).
- Terminal Strips: 8 points (0.08-2.5[□])
- Captive cover bolts
- Easy mounting bracket.
NAMUR standard stainless steel shaft and stainless steel or steel bracket.

■ Dimensions



■ Wiring



NOTE

TYPE: MECHANICAL SWITCHES
VOLTAGE: 250V AC/3A, 125V AC/5A,
250V DC/0.2A, 125V DC/0.4A, 30V DC/4A

Type 5312 - Explosion proof application



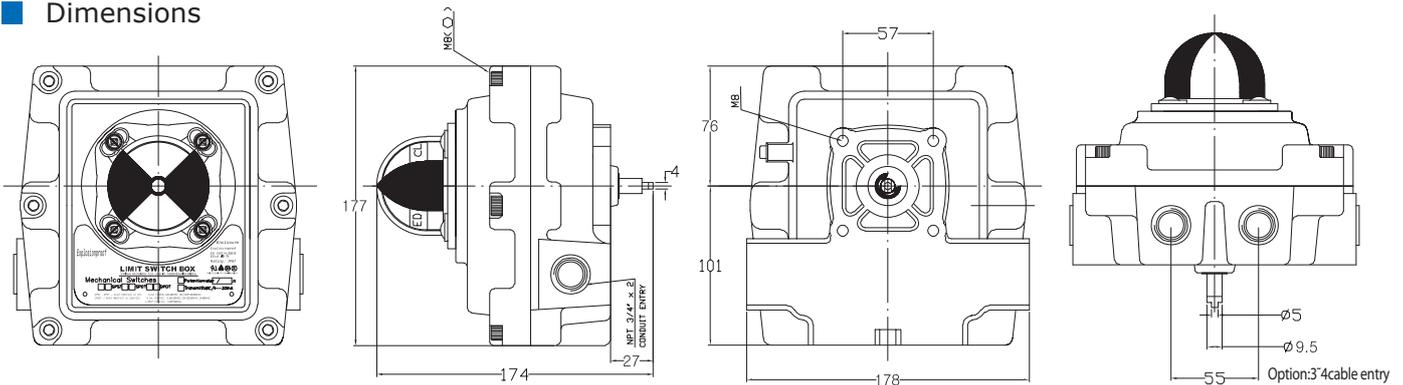
Mechanical Limit Switch Type 5312

Voltage
250V/3A AC, 125V/5A AC,
250V/0,2A DC, 125V/0,4A
DC, 30V/4A DC

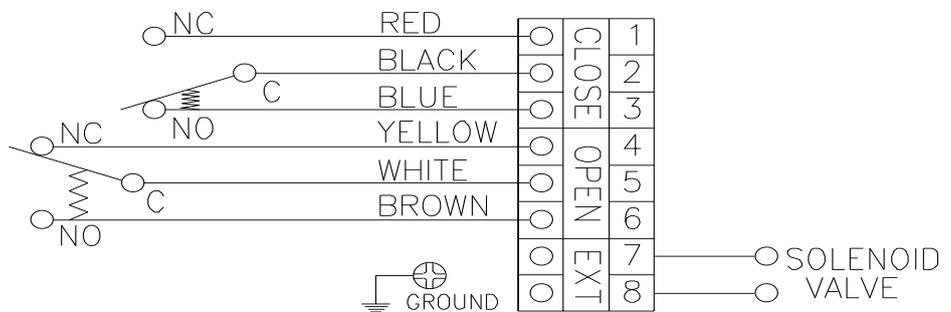
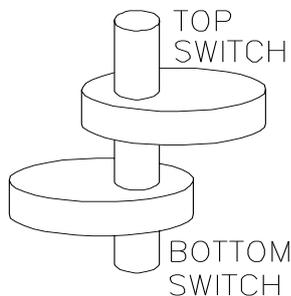


- Enclosure: IP 67 / NEMA 4, 4X, 7 and 9 (standard) IP 68 (option).
- ATEX certified
Explosion proof: E EX d IIB T6
- Solid and compact design.
3-4 additional switches.
8-20 points Terminal Strips.
- Bolts on visual position indicator
(Re-adjustment available upon required direction).
- Dual cable entries: 2 x M20 (standard).
- Terminal Strips: 8 points (0.08-2.5[□])
- Captive cover bolts
- Easy mounting bracket.
NAMUR standard stainless steel shaft and stainless steel or steel bracket.

■ Dimensions



■ Materials



switch box wiring

NOTE
TYPE: MECHANICAL SWITCHES
VOLTAGE: 250V AC/3A, 125V AC/5A,
250V DC/0.2A, 125V DC/0.4A, 30V DC/4A

Type 5313 - Explosion proof application



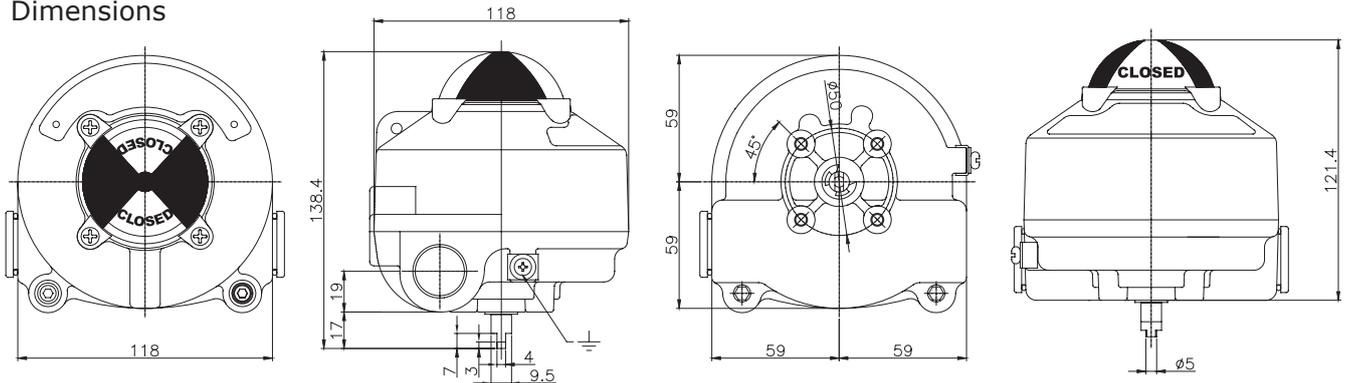
Mechanical Limit Switch Type 5313

Voltage
250V/3A AC, 125V/5A AC,
250V/0,2A DC, 125V/0,4A
DC, 30V/4A DC

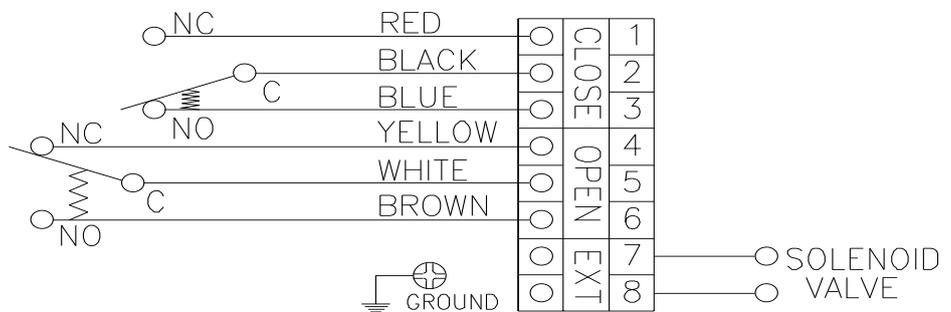
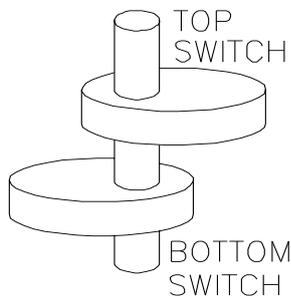


- Enclosure: IP 67 / NEMA 4 & 4X (standard) IP 68 (option).
- ATEX certified
Explosion proof: E EX d IIC T6, E EX ia IIC T6, E EX d IIB T6
- Solid and compact.
- Shaft holder built in the cover (dual shaft).
Easy to set the visual position indicator.
Unique design to put the visual indicator on the threaded joint type cover.
- Bolts on visual position indicator.
- Dual cable entries: 2 x M20 (standard).
M25, NPT 1/2", NPT 3/4", PT 3/4" (option)
- Terminal Strips: 8 points (0.08-2.5[□])
- Captive cover bolts and Spring loaded cover bolts
- Easy mounting bracket.
NAMUR standard stainless steel shaft and stainless steel or steel bracket.

■ Dimensions



■ Materials



switch box wiring

NOTE
TYPE: MECHANICAL SWITCHES
VOLTAGE: 250V AC/3A, 125V AC/5A,
250V DC/0.2A, 125V DC/0.4A, 30V DC/4A



Know-how makes the difference

Dansk Ventil Center A/S

Product Range

- Ball Valves
- Butterfly Valves Soft Seated
- Butterfly Valves Metal Seated
- Angle Seat Valves
- Thin Wafer Check Valves
- Safety Valves
- Knife Gate Valves
- Pneumatic Actuators
- Electrical Actuators
- Brackets for Actuators
- Limit Switches
- Level Gauges - Reflex & Transparent
- Control Valves
- Pressure Reducing Valves

Dansk Ventil Center A/S is committed to meet the needs of customers with focus on environment and sustainability. Through continuous improvements, we strive to find new total cost ownership solutions in close cooperation with our customers.

Dansk Ventil Center is located in the northern part of Europe, in the heart of Denmark.

Visit us at www.dvcas.dk and learn more about Dansk Ventil Center and our products.



Dansk Ventil Center A/S

Ferrarivej 14
DK-7100 Vejle
Denmark

Tel.: +45 75 72 33 00
Fax: +45 75 72 75 15
E-mail: mail@dvcas.dk
Web: www.dvcas.dk

