

VERSATILE LIMITSWITCH



PROFIBUS[®]

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EC94/9
ATEX



ROTEX
CONTROLS, INC.

VERSATILE LIMITSWITCH



DNLF - Explosion Proof Switch Boxes To Enhance

The Performance Of Valve Automation Systems



NEMA 4, 4X, 7 & 9 CLASS I, GROUP C & D,
CLASS II, GROUP E, F & G, DIVISION 1 & 2



EC94/9 Ex d, IIC, T6
EN/IS/IEC 60079-0,
EN/IS/IEC 60079-1

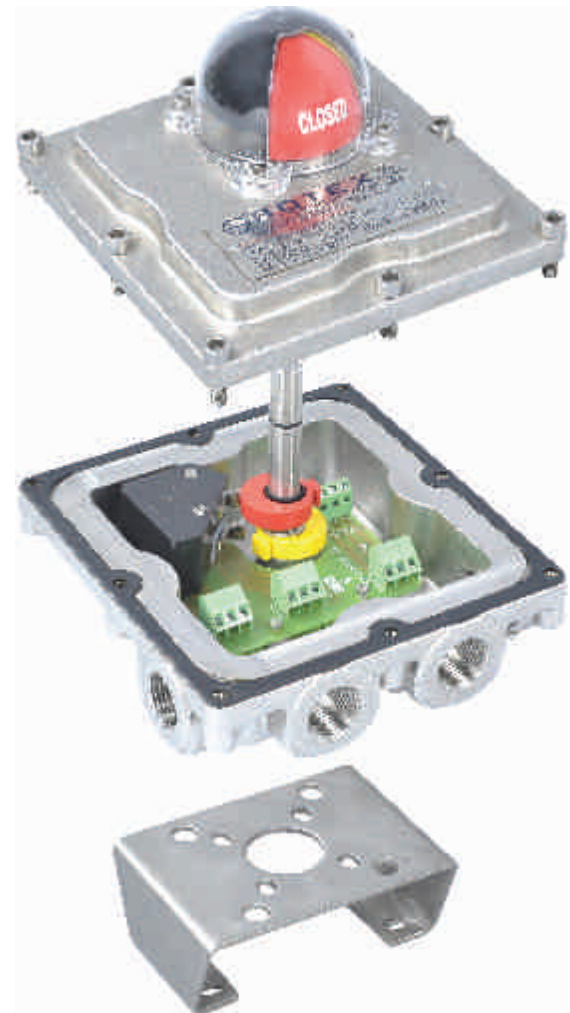


FEATURES

- Stainless Steel CF8M housing
- Shatterproof Polycarbonate Dome
- Easily settable colour coded cam
- The locked Serrated cams, ensures the secured settings against any vibration
- The switch box confirms to Ex d IIC, T6 Highest level of safety
- Cable entry M20, 1/2" NPT or 3/4" NPT
- A special PCB, eliminates all the wiring from the switch element to the terminals. Complete protection against short circuit.
- All fasteners in stainless steel
- Additional mounting hole is threaded as per the UNC series
- ATEX, certified by Baseefa United Kingdom Certification no. Baseefa09ATEX0126
- UL Certified confirms to file no. UI1203 and UL508, File no. 246615
- Temperature range -20 °C to +80 °C
On request -40 °C to +80 °C, -60 °C to +80 °C, -20 °C to +120 °C
- Cable entry
Dual cable entry
Optional 4 cable entry
- IP 67 : Water, Rain and Dust Proof
- IP 68 : Upto 100m on request

DOMES

Unique "two piece" dome arrangement. The black plastic makes the transparent dome an integral part. This ensure an extra long life



Standard dome



3 Way dome

Only 90° segment is transparent
rest all 270° is black

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Limit Switch Ordering Code Options

Series	Switch	Qty. Switches	Conduit Entry		Body/Cover	Bracket	Certificates			
DXLW Weatherproof		1	Entry	Threads	DXLW	DNLF	B	Aluminum-Black	U	CU _L , UL _L
		2	4R	½" NPT	*	✓	Y	Aluminum-Yellow	C	CE
DNLF Explosion Proof			6R	¾" NPT	x	*	L	Aluminum-Blue	A	ATEX
			3M	M20X1.5	✓	✓	B5	CF8M Stainless Steel	CM	CMRI
								CC	CMRI CCOE	

CODE	MAKE	TYPE
1A	Honeywell	SPDT Mech, AC/DC, 10A
11A	Honeywell	SPDT Mech, AC/DC, 15A
2A	P & F	Prox - IS, DC, 8mA
12A	P & F	Prox - IS, DC, 100mA
22A	P & F	Prox - Non IS, DC, 100mA, LED
32A	P & F	Prox - Non IS, DC, 100mA
42A	P & F	Prox - Non IS, AC, 200mA
2C	Ifm	Prox - IS, DC, 8 mA
12C	Ifm	Prox - Non IS, DC, 150mA, LED
3A	P & F	Prox - IS, DC, 3 mA
13A	P & F	Prox - Non IS, DC, 100mA
3C	Ifm	Prox - Non IS, DC, 200mA
13C	Ifm	Prox - IS, DC, 8mA
23C	Ifm	Prox - Non IS, AC/DC, 100 mA
5A	Honeywell	DPDT Mech, AC/DC, 10A
15A	Honeywell	DPDT Mech, AC/DC, 15A
5B	Cherry	DPDT Mech, AC/DC, 5A
15B	Cherry	DPDT Mech, AC/DC, 15A
6A	Hermitic	Sealed Prox, AC/DC, 2A
16A	Hermitic	Sealed Prox, AC/DC, 2A

BKS1	SS 80 X 30 X 20mm
BKC1	CS 80 X 30 X 20mm
BKS2	SS 80 X 30 X 30mm
BKC2	CS 80 X 30 X 30mm
BKS3	SS 130 X 30 X 30mm
BKC3	CS 130 X 30 X 30mm
BKS4	SS 130 X 30 X 50mm
BKC4	CS 130 X 30 X 50mm

Standard Stock Items





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