

DSDM switchbox Order code
Explosion proof / Flame proof

Rev 21

A= Product & Connections (cable entry)

- DS Explosion proof / Flame proof switchbox with 3/4" NPT cable entries
DM Explosion proof / Flame proof switchbox with M25x1,5 cable entries

B= Number of open cable entries

- 2 2x open cable entries (option)
3 3x open cable entries (standard)

C= Housing material / Surface treatment

- B Aluminium housing, polyester powdercoating, Black base & cover
W Aluminium housing, polyester powdercoating, Black base & White cover
C Aluminium housing, polyester powdercoating, Black base & Optional cover color
S Stainless Steel housing DIN 1.4408 - EN G-X 6 CrNiMo 18-10 - SAE 316 (Not when A=DM)

D= Shaft

- D Double 'D' Shaft 1/4"
N Namur VDI/VDE 3845 Shaft (rotary actuators)
T For NAF Turnex actuators
L D style incl. nut for linear applications

E= Indicator option

- 0 Flat top cover, no indicator
1 Flat top cover, indicator below switchbox for 90 deg (Only D = N)
U Standard Ultradome (Green / Red)
3 Four Window Ultradome
C 90° 3-Way Ultradome
D 180° 3-Way Ultradome
E 180° 3-Way Center Blocked Ultradome
F 120° Thru / Divert Ultradome
H Black / Yellow Ultradome
K Green / Red with Ektar Ultradome
R Reverse - Red = Open / Green = Close Ultradome

F= Qty of switches

- 0 0 switches (Cam assembly for 2 x M1 included)
2 2 switches
4 4 switches (Not when E <> {0, 1})

G= Switch options

- F3 IFM IF5250, 10-36VDC NC PNP, 150mA, 3-wire NC
F5 IFM IF6001, 18-32 VDC, PNP NO
F6 IFM IF6034, 10-36VDC, NO PNP, 150mA, Stainless steel
F7 IFM IN0073, 20-250 AC/DC, NO, 350mA/100mA
F8 IFM IN0081, 20-250 AC/DC, NO, 350mA/100mA w/LED
F9 IFM IN0097 20-250V AC/DC NO 2-Wire
FC IFM IF5718, 10-36VDC NO PNP/NPN, 150mA, plastic
FG IFM IS5070 IS3004-BPKG 3 wire DC PNP 10-36 VDC NO (H=14 only)
FK IFM NS5002 IS-2002-N 2-wire NAMUR
FL IFM IS5026, 2 wire 5-36 DC PNP/NPN, 4-200mA NO / NC (H=14 only)
M1 SPDT Mechanical switches 250VAC 10A SIL3 Capable
MG SPDT Mechanical - Gold Contacts SIL3 Capable
MK SPDT Mechanical switches 250VAC 10A (-55°C) SIL3 Capable
N1 NJ4-12GM40-E Proximity 3-wire NPN NO 10-60 VDC
N3 SJ3.5-S1N (NAMUR) SIL3 Capable
N8 NJ2 V3 N (NAMUR) SIL3 Capable
N9 NBB3-V3-Z4
NA NBN4-12GM40-E2 Inductive. 3 wires PNP NO 10-30VDC
NC NJ4-12GM-N
ND NCB2-12GM40-Z1 Proximity inductive 2-wire DC NC
NE NCB2-12GM35-N0 NAMUR with LED
NF NCN4-12GM35-N0 NAMUR with LED
NG NJ5-11-N-G SIL3 Capable (only when E= 0 or 1)
NK NCN4-12GM40-Z0 Proximity 2-wire DC NO
NM NJ2-11-SN-G SIL3 Capable (only when E= 0 or 1)
NP SJ3.5-N (NAMUR) SIL3 Capable
NQ NJ4-12GK-N (NAMUR) SIL3 Capable
NR NJ4-12GM40-E1, NPN NC
NS NJ4-12GM40-E2, PNP NO
NW SJ3.5-SN (NAMUR) SIL3 Capable
NY NJ4-12GK-SN (-50°C) SIL3 Capable
P4 SPST Proximity SIL3 Capable
P5 SPDT Proximity SIL3 Capable
PE Sabre SPDT Proximity SIL3 Capable
PP Phazer SPDT Proximity SIL3 Capable
PT Phazer BRS SPST Proximity SIL3 Capable

H= Certificate

- 14 General Purpose
15 II 1 GD ATEX Ex ia IIC Ga / Ex ia IIIC Da IP66
18 { cCSA; Class I, Division 1, Groups B,C,D; Class II, Division 1, Groups E,F,G; Class III; T4
CSAus; Class I, Division 1, Groups A,B,C,D; Class II, Division 1, Groups E,F,G; Class III; T4
19 ATEX II 2 GD Ex db IIC Gb, Ex tb IIIC Db IP66
21 IEC Ex ia
25 IEC Ex d IIC Gb, Ex tb IIIC Db IP66
27 cCSAus IS Class I, Division 1, Groups A,B,C and D; Cl. II, Gps E, F and G; Cl. III;
28 cCSAus NI Class I, Division 2, Groups A,B,C and D; Cl. II, Gps E, F and G; Cl. III;
35 CCOE Exd
38 Nepsi (CCC) Exd
43 Nepsi (CCC) Ex ia

I= Product approval marking

- 0 Self-adhesive marking label, Polyester (Not when C=S)
M Stainless Steel marking plate

J= Analog Output

- 0 None
4 4-20 mA transmitter, Only G=M1, MG, MK, N8 & F=2 & E=0 or 1. (Not H=15, 21, 27 & 28)
R Remote sensor option, see separate Order code

K = Terminal Options

- 2 2 Extra open terminals (Standard)
4 4 Extra open terminals (Optional, not possible for all switch options)
6 6 Extra open terminals (Optional, not possible for all switch options)

L = Options / Elastomers

- 0 Nitrile O-rings (Standard)
V Viton O-rings

M = Brand

- X Automax
P PMV
V Valtek
W Worcester

Example

Example														
A	B	C	D	E	F	G		H		I	J	K	L	M
DS	3	B	N	U	2	M1	-	19	-	0	0	2	0	P

No possible combination/option

* Adaptors and cable gland kits are available for other connections. Consult factory