DSDM switchbox Order code
Explosion proof / Flame proof

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

		F =2	F = 4
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 Cl. I, Div. 2, Grp A-D, Cl. II, Grp EFG; Cl. III, Type 4X
- 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

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