DS 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 with Dome option under E)**

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
- NK NCN4-12GM40-Z0 Proximity 2-wire DC NO
- **NM** NJ2-11-SN-G SIL3 Capable
- **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;
- 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