



Product Code Selector

Switches and Solenoids

Positioners and Position transmitters

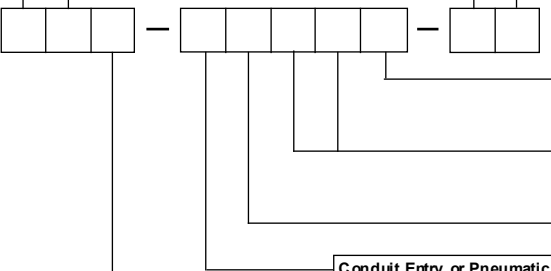
Product Category		
SB	007	Switchbox
SL	007	Switchbox - Low Profile Cover *
ST	007T	Switch Terminal Box
CC	007C	Switch/Solenoid Control Centre
TA	K4-20A	Position Transmitter**
TX	K4-20X	Position Transmitter (EEx ia)**
PA	008	Smart Positioner

* Not available in stainless steel.
 ** Standard configurations: Rotary drive 0° - 90°
 Linear drives 0° - 40°. Both counter clockwise rotation with rising current.

Pneumatic Control (Aluminium 007C only)	
D	Double / Single Acting (no manual override) 1/8" BSPP ports
A	Double / Single Acting with manual override 1/8" BSPP ports
E	Single Acting (no manual override) 1/4" BSPP ports
F	Single Acting with manual override 1/4" BSPP ports
G	Double Acting (no manual override) 1/4" BSPP ports
H	Double Acting with manual override 1/4" BSPP ports

Manual override is external, momentary and maintainable.
 Manual override on the internal solenoid is an option.
 1/4" versions have the conduit entry on the side of the unit.
 Double acting "stayput" is an option.
 007C EExd Control Monitor - initially available in project quantities only

Solenoid Voltage (007C only)	
A	220/240v AC
B	110/120v AC
C	24v AC
D	24v DC
H	EExia IIC T6 Intrinsically Safe 24v DC Systems



Enclosure Material and Type	
B	Aluminium
X	Aluminium (EEx d)*
S	Stainless Steel
N	Stainless Steel (EEx d)**
Z	Custom Product (A unique number is substituted for the rest of the product code e.g. SEZ-00123)

* 007 EExd Control Monitor
 ** 007 EExd Control Monitor - initially available in project quantities only

Conduit Entry or Pneumatic Connections + Drive System	
7	Metric M20 + VDI/VDE Rotary Drive
8	PG 13.5 + VDI/VDE Rotary Drive
9	1/2" NPT + VDI/VDE Rotary Drive
B	Manifold - M6 Push-in + VDI/VDE Rotary Drive
L	Metric M20 + Namur Linear Drive
K	PG 13.5 + Namur Linear Drive
J	1/2" NPT + Namur Linear Drive
O	Metric M20 + Type A Drive Lever
P	PG 13.5 + Type A Drive Lever
N	1/2" NPT + Type A Drive Lever
A	Manifold - M6 Push-in + Type A Drive Lever
1	Metric M20 + Type B Drive Lever
2	PG 13.5 + Type B Drive Lever
3	1/2" NPT + Type B Drive Lever
5	Manifold - M6 Push-in + Type B Drive Lever
V	Metric M20 + Type C Drive Lever
W	PG 13.5 + Type C Drive Lever
X	1/2" NPT + Type C Drive Lever
Z	Manifold - M6 Push-in + Type C Drive Lever
Q	Metric M20 + Type D Drive Lever
R	PG 13.5 + Type D Drive Lever
S	1/2" NPT + Type D Drive Lever
M	Manifold - M6 Push-in + Type D Drive Lever

B,A,5,Z,M : Apply to A3 pneumatic switch option only.
 M25, PG16 or 3/4" NPT conduit entries on request.
 A second or third conduit entry is available on request.

Colour + Indication	
O	Black or Dark Blue (Safe Areas)
D	Light Blue (EEx i)
R	Red (EEx d or EEx ed)
S	Stainless Steel (Safe or EEx)

1, 2, 3, 4, 6 : "Klearvision" (Safe areas only)
 2 D + "Klearvision" (Ila, I Ib)
 3 R + "Klearvision" (Ila, I Ib)
 4 S + "Klearvision" (Safe areas only)
 6 S + "Klearvision" (Ila, I Ib)
 7 D + "Gyrovision" (Ila, I Ib, I Ic)
 8 R + "Gyrovision" (Ila, I Ib, I Ic)
 9 S + "Gyrovision" (Ila, I Ib, I Ic)

2, 3, 6 : Surface area ≤ 100 cm² for Gas Groups Ila, I Ib

7, 8, 9 : "Gyrovision"
 Low profile top mounted indicator for 90° applications. Yellow = Open. Red = Closed
 Also available in different languages and for direct mounting to actuators.

For a space saving alternative to "Klearvision" please specify our range of VDI/VDE indicator mounting kits. Code prefix "MVS".

Feedback Type *	
M 1	V3 SPDT Mechanical Switch (EN,UL,CSA Approved)
M 2	V3 SPDT Mechanical Switch Gold Plated Contacts (EN,UL,CSA Approved)
M 3	DPDT Mechanical Switch***
M 6	Burgess E1V3C SPDT EExd Mechanical Switch (Switchbox certified EExd 11c T6)**
M 8	M 2 option fitted in EEx i certified unit
M 9	M 3 option fitted in EEx i certified unit
R 2	Magnetically Operated Reed Switch (S.P.S.T. 24V DC 110V AC N.O 2 Wire)
R 3	Magnetically Operated Reed Switch (S.P.D.T. 150V DC 250V AC 3 Wire)
R 4	R 2 option fitted in EEx i certified unit
R 5	R 3 option fitted in EEx i certified unit
P 1	Proximity Switch NJ1.5-6.5N (Intrinsically Safe 2 Wire)**
P 2	Proximity Switch NJ2-V3-N (Intrinsically Safe 2 Wire)**
P 3	Proximity Switch Bi2-Q10S-YOX (Intrinsically Safe 2 Wire)**
P 4	Proximity Switch IN 512.1 (10 - 36V DC N.O PNP 3 Wire with LED)***
P 5	Proximity Switch IN 007.3 (20 - 250V AC/DC N.O 2 Wire with LED)***
T 5	Proximity Switch Bi 2-Q10S-AZ31 X (20 - 250V AC N.O 2 Wire with LED)
P 6	Proximity Switch NBB2-V3-EO (10 - 30V DC N.O NPN 3 Wire with LED)
T 6	Proximity Switch Bi 2-Q10S-AN6X (10 - 30V DC N.O NPN 3 Wire with LED)
P 7	Proximity Switch NBB2-V3-E2 (10 - 30V DC N.O PNP 3 Wire with LED)
T 7	Proximity Switch Bi 2-Q10S-AP6X (10 - 30V DC N.O PNP 3 Wire with LED)
P 8	Proximity Switch IS 5026 (5 - 36V DC N.O N.C/PNP/NPN 2 Wire with LED)
P 9	Proximity Switch NBB3-V3-Z4 (5 - 60V DC N.O 2 Wire with LED)
T 0	4-20 mA Transmitter in the 008 Positioner - no switches****
T M	4-20 mA Transmitter in the 008 Positioner + one V3 SPST Switch GP Contacts
T P	4-20 mA Transmitter in the 008 Positioner + one P9 Proximity Switch NBB3-V3-Z4
A 3	Pneumatic - 2 Port with vent (with manifold - common inlet)
O O	None

* Not all these options are available in all product categories.
 * Other switches can be engineered into the 007 Switch box.
 As a guide switches should be shielded (embeddable) and not exceed :
 Rectangular design : 40mm x 30mm x 12mm.
 Cylindrical design : 18 mm diameter x 45 mm in length.

** Important : These switches will only function with remote amplifiers.
 *** These options are not available in "SL" Low Profile Cover versions of the 007 Switch box.
 **** If the transmitter is not fitted in the 008 Positioner there are four terminals available for switches. It is possible to fit two "2 wire" proximity or SPST switches or one "3 wire" proximity or SPDT switch.

Switch Quantity	
1	One
2	Two
3	Three*
4	Four*
0	None

* Not available with all switch types and in all products.
 Not available in (SL) low profile cover versions.



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