

D3 Digital Positioner



The advertisement features a blue-tinted background of an industrial refinery. At the top, several certification logos are displayed: PROFIBUS, FOUNDATION, HART, FDT Group Member, SP, Ex, and FM APPROVED. In the center, a computer monitor displays a software interface with various control panels and graphs. To the right, two black digital positioners are shown. The top one is a circular unit with a green LCD screen displaying '63.7%' and a label that reads 'PMV D3'. The bottom one is a rectangular unit with a yellow lightning bolt symbol, a green LCD screen displaying '63.7%', and a label that reads 'PMV D3'. A red curved banner at the bottom contains the text 'Experience In Motion'.

Experience In Motion



D3 Series Coding

Model no

- D3X Digital positioner with display and indicator, General purpose
- D3I Digital positioner with display and indicator, Intrinsically safe ATEX
- D3E Digital positioner with display, no indicator, Explosion proof ATEX, CSA/FM
- D3F Digital positioner with display, Explosion proof ATEX, CSA/FM, Direct mount to Flowact

Connections

- G 1/4" G air, 3 pcs M20 x 1,5 electrical
- N 1/4" NPT air, 1/2" NPT electrical
- M 1/4" NPT air, M20 x 1,5 electrical

Surface treatment

- U Powder epoxy
- E Stainless Steel enclosure (only for D3E & D3F)

Function

- S Single acting
- L Single acting, Fail Freeze
- P Single acting, Fail freeze remote mounted
- M Single acting, remote mounted
- D Double acting acting
- K Double acting Fail Freeze function
- Q Double acting Fail freeze remote mounted
- R Double acting Remote mounted

Spindle

- 23 Rotary VDI/VDE 3845
- 39 D type for linear & NAF
- 09 Double D type and adaptor

Cover and Indicator (No indicator on D3E, D3F)

- PVA Black PMV, 90 deg, Arrow indicator
- PVB Black, Extended travel, 270 deg Arrow indicator

Sensors/Temperature/seals

- Z No pressure sensors, NBR -30 to +80°C
- Y On Board pressure sensors, NBR -30 to +80°C

Input signal/Protocoll

- 4 4-20 mA
- 5 HART, 4-20 mA
- P Profibus PA
- F Foundation Fieldbus (Not for D3I)

Feedback option

- X No feedback option
- T 4-20 mA transmitter only + Alarm
- S* Limit switches MEC + 4-20 mA + Alarm
- N* Limit sensors NAM + 4-20 mA + Alarm
- P* Limit switches PXY + 4-20 mA + Alarm
- 4* Slot type Namur sensor, P+F SJ2 S1N + Alarm
- 5* Slot type Namur sensor, P+F SJ2 SN + Alarm
- 6* Slot type Namur sensor, P+F SJ2N + Alarm

Accessories

- X No accessories
- M Gauge block (For D3E, D3F only built in)

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* Not for D3E, D3F