

**NEW**

# SAFETY PRODUCTS



## Safety Exhaust (Dump) Control Reliable Double Valve with or without EEZ-ON® (Soft Start) Module

- 3/2 Normally Closed function - shuts off pneumatic energy supply and exhausts (dumps) downstream pressure
- Designed for external monitoring
- Proven ROSS SERPAR® Crossflow technology - control-reliable, Category 4, PL e applications, shuts-off and exhausts even when faulted
- Modular or threaded port connection - allows modular connection to air entry system (Lockout Valve, Filter, Regulator)

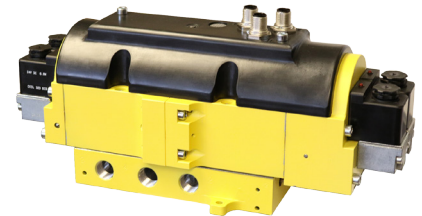


Model without EEZ-ON® (Soft Start)

Model with EEZ-ON® (Soft Start)

## Safety Directional Valve 4/3 – Closed Center CAT 4, PL e For Safe Cylinder Stop and Load Holding

- Closed Center Valve Function - allows full control of double-acting cylinders, including jog and load-holding functions
- Redundant control with position feedback - can achieve Category 4, PL e, when used with proper safety controls
- Designed for external monitoring - allows full safety control and feedback monitoring of cylinder control circuit
- Mid-position sensing - for detection of safe, closed center position
- ROSS poppet technology - fast, reliable, dirt-tolerant, face-sealing, low friction



## Safety Exhaust (Dump) and Safe Cylinder Return Sub-base Mounted Valves

- Designed For External Monitoring
- 3/2 Valve designed to meet the needs and requirements of safe air supply/exhaust
- 5/2 Valve designed to meet the needs of safe cylinder return
- Rapid response for minimum actuating time
- Status indicator provides valve condition (ready-to-run) feedback
- Position sensors for valve fault monitoring – external monitoring device required
- Well-proven spool valve design for reliable, smooth function



5/2 Valve Model

*These valves are not designed for controlling clutch/brake mechanisms on mechanical power presses, see DM2® Series D valves for mechanical power press applications.*



### WARRANTY, CAUTIONS and WARNINGS

Standard ROSS warranty, cautions and warnings apply, available upon request or at [www.rosscontrols.com](http://www.rosscontrols.com).

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<b>ROSS SOUTH AMERICA Ltda.</b>	Brazil	Tel: 55-11-4335-2200	email: <a href="mailto:vendas@rosscontrols.com">vendas@rosscontrols.com</a>
<b>ROSS CONTROLS INDIA Pvt. Ltd.</b>	India	Tel: 91-44-2624-9040	email: <a href="mailto:ross.chennai@rosscontrols.com">ross.chennai@rosscontrols.com</a>
<b>ROSS CONTROLS (CHINA) Ltd.</b>	China	Tel: 86-21-6915-7961	web site: <a href="http://www.rosscontrolschina.com">www.rosscontrolschina.com</a>
<b>ROSS FRANCE S.A.S.</b>	France	Tel: 33-1-49-45-65-65	web site: <a href="http://www.rossfrance.com">www.rossfrance.com</a>
<b>ROSS CANADA</b>	Canada	Tel: 1-416-251-7677 (416-251-ROSS)	web site: <a href="http://www.rosscanada.com">www.rosscanada.com</a>
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