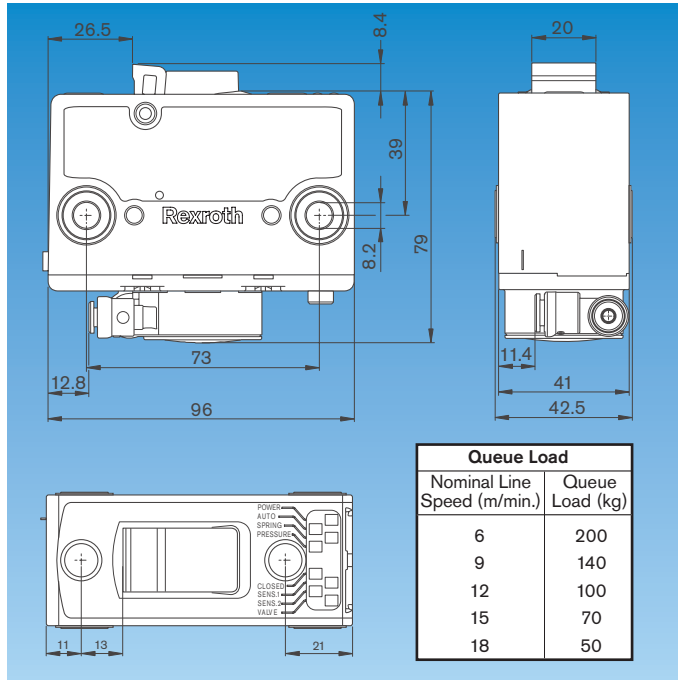


Technical Information



Queue Load	
Nominal Line Speed (m/min.)	Queue Load (kg)
6	200
9	140
12	100
15	70
18	50

Technical Data	
Part Number	3842 535 783
Electrical Connections:	3-wire M8 cables (one male, one female)
Pneumatic Connections:	Input: 4mm push-in, Exhaust 6mm push-in
Operating Pressure:	4-6 bar (58-87 psi)
Thermal Operating Range:	+5° to +40° C (41° to 104° F)
Supply Voltage:	24 VDC nominal (21.6 to 27.6 VDC)
Rated Power:	2.0 W
Current Consumption:	35 mA (100 mA max.)
Electrical Protection Specification:	DIN VDE 0106-1, class III
EMC Approved Ratings:	EN 500081-1; EN 61000-4-2; EN 610000-4-4
Enclosed Protection Rating	IP 65/ EN 60529 (VDE 0470-1)
Mounting Position:	Vertical
Permissible Impact Shock:	50g (gravity)
Permissible Vibrations:	±4 g (10 < f < 55Hz)
Storage Conditions:	-20° C to +80° C (-4° to 196° F)
Relative Humidity	Up to 80%



SmartStop™ Technology

Bosch Rexroth Corporation
Linear Motion and
Assembly Technologies
816 E. Third Street
Buchanan, MI 49107
Telephone (269) 695-0151
Facsimile (269) 695-5363
www.boschrexroth-us.com

The VE 2/MP Stop Gate from Rexroth

Bosch Rexroth Corporation
Corporate Headquarters
5150 Prairie Stone Parkway
Hoffman Estates, IL 60192-3707
Telephone (847) 645-3600
Facsimile (847) 645-0804

Bosch Rexroth Corporation
Industrial Hydraulics
2315 City Line Road
Bethlehem, PA 18017-2131
Telephone (610) 694-8300
Facsimile (610) 694-8467

Bosch Rexroth Corporation
Electric Drives and Controls
5150 Prairie Stone Parkway
Hoffman Estates, IL 60192-3707
Telephone (847) 645-3600
Facsimile (847) 645-6201

Bosch Rexroth Corporation
Pneumatics
1953 Mercer Road
Lexington, KY 40511-1021
Telephone (859) 254-8031
Facsimile (859) 281-3491

Bosch Rexroth Corporation
Mobile Hydraulics
145 Southchase Boulevard
Fountain Inn, SC 29644-9018
Telephone (864) 967-2777
Facsimile (864) 962-5338

Printed in the United States
8981 500 350 3/06



The first stop gate from Rexroth with SmartStop™ Technology

Embedded Microprocessor Control



Reduce Installation and Set-up Time

Previously, users had to purchase at least 10 separate components from different suppliers and then combine them into a single operational system. With the new VE 2/MP from Rexroth, everything is contained in one functional direct wire device. The VE 2/MP eliminates complex system control installation, sensor adjustment and maintenance. Simply bolt the stop into the T-slot on the conveyor profile rail, attach an air tube and two 3-wire M8 electrical cables and you're ready to go.

Other advantages include:

- Two operating modes provide greater programming flexibility.
- Less programming effort during debug and start-up gets you up and running faster.
- Provides error status signal to PLC for improved monitoring and control of stop operation.



Plug-in connectors and push-lock air fittings are conveniently located on the underside of the stop gate

More control flexibility than ever

The new VE2/MP with SmartStop™ technology provides the automated assembly system user with more control and monitoring capability than ever before. The VE2/MP combines the functionality of a VE2 stop gate with a pneumatic solenoid valve, an embedded microprocessor, three proximity sensors, and an array of LED indicators to provide extensive operations control and feedback all in a self-contained package.

The VE2/MP includes two 3-pin connector plugs that provide six I/O connections for greater control and feedback capability. In addition, eight LED displays provide visual indication to the operational status of the stop gate. This visual indication is extremely beneficial during initial setup and system diagnosis.



Standard Stop Gate Technology: A functional stop gate requires at least 10 individual components.



New SmartStop Technology: The VE 2/MP stop gate is supplied as a single functional unit ready for installation