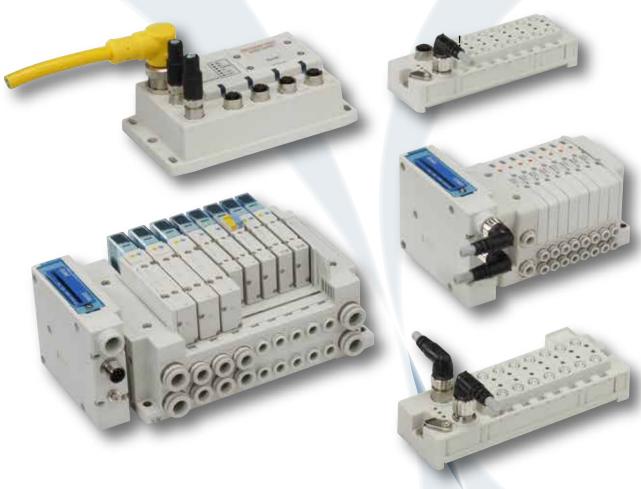
# Fieldbus System for Distributed I/O



- O Dual Port EtherNet/IP™
- Gateway controls up to 8 Valve Manifolds and 8 Input blocks
- Controls up to 128 Inputs and 128 Outputs
- Supports QuickConnect<sup>™</sup> and Device Level Ring (DLR) Protocol
- IP65 Protection Rating
- Web Diagnostics
- Simple installation setup





O Dual Port EtherNet/IP™

O DLR and QuickConnect<sup>™</sup> compatible

O Simple to install and setup

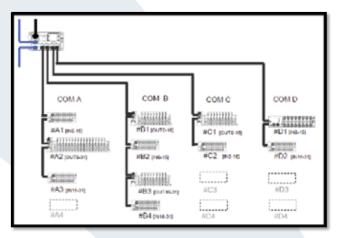
IP65 protection rating

4 Network Branches (32IN/32OUT per branch)

O Max Branch Length: 20 m

The new EX500 Gateway is a fieldbus solution for distributed I/O system capable of 128 outputs and 128 inputs that is connected to the gateway unit through 4 network branches. The gateway has two M12 Ethernet connections to support daisy chain and ring topology configurations. Fixed data mapping means simple installation and setup to get your machine up and running. I/O information and diagnostic data can be quickly accessed through embedded web interface.

Simple Plug & Play configuration of devices by fixed memory map



#### Web Diagnostics

**Branch COM Diagnostics** 

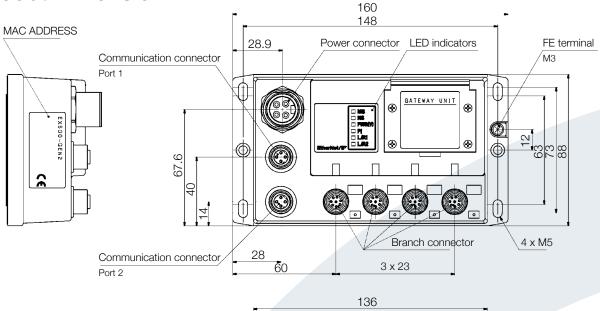


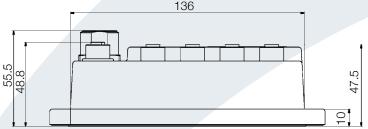
I/O Status





#### **Product Dimension**

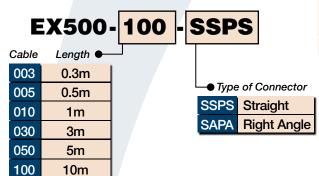




### Power Supply Cable

Part Number	Description
PCA-1415999	AUX 7/8" straight 2m cable
PCA-1415996	AUX 7/8" straight 6m cable
PCA-1416000	AUX 7/8" right angle 2m cable
PCA-1415997	AUX 7/8" right angle 6m cable

#### Branch Cable



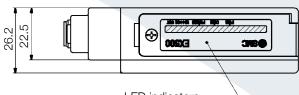
Ethernethe Specifications	
Bus Connection	2 x M12 Socket, D-coded, 4 Pin
<b>Commuication Speed</b>	10/100 Mbps
IP Adressing	DHCP/DIP Switch
Function	Ring Topology (DLR) QuickConnectTM Web Server
Power Connector	7/8" 4-Pin Plug



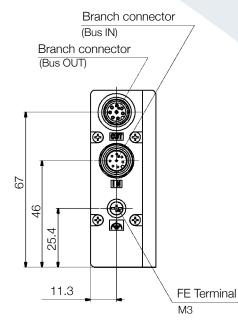
## **EX500** S 1 0 3

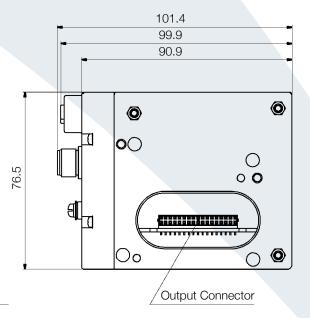
- O Selectable 16 or 32 output by internal switch
- O Plug and Play Connection with Gateway
- IP67 Protection Rating
- Max Solenoid Power: 1.0 A/unit
- Short Circuit Protection
- Compatible with SMC valve series SY, VQC, SV, and S0700









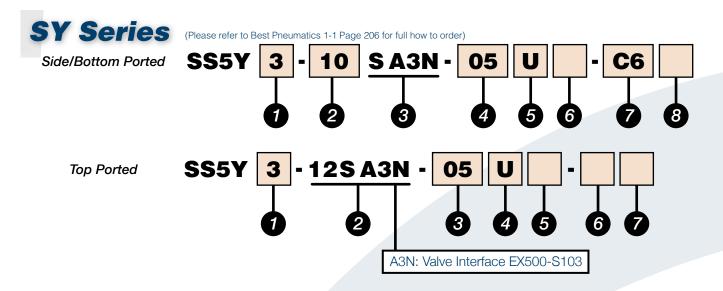


#### Accessories

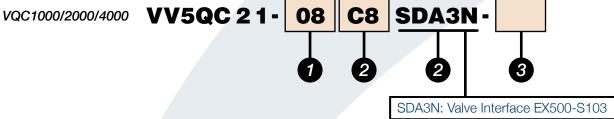
Part Number	Description
EX500-ACY01-S	Y-Connector for separate power of valve
EX500-ZMA1	DIN Rail mounting hardware for valve interface



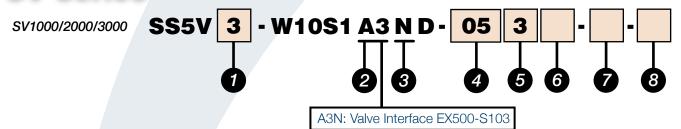
#### How to Order for Valve Manifold



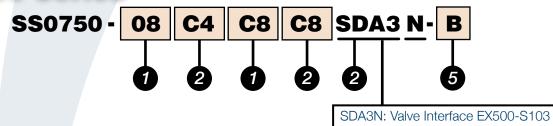
## VQC Series (Please refer to Best Pneumatics 1-1 Page 1174 (VQC1/2000) & 1220 (VQC4000) for full how to order)



#### **SV Series** (Please refer to Best Pneumatics 1-1 Page 536 for full how to order)











**○** 16 PNP Input through connector

Max Sensor Supply Current: 1.3 A/unit

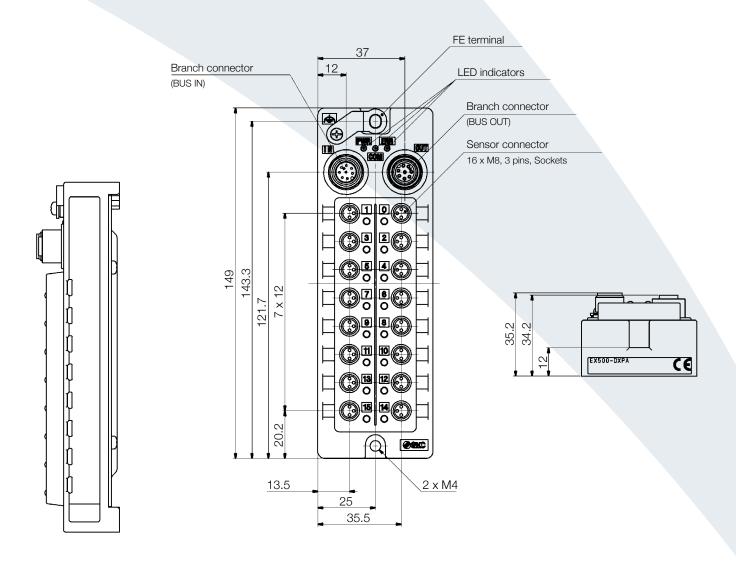
IP67 Protection Rating

LED Diagnostics

Short Circuit Protection

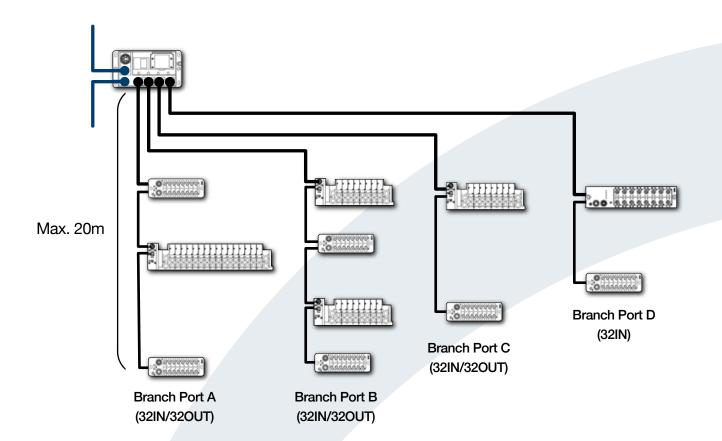
O Plug & Play Connection







#### Flexible Architecture



Valve Interfaces and Input Blocks can be connected in any order, giving maximum flexibility in machine design.



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