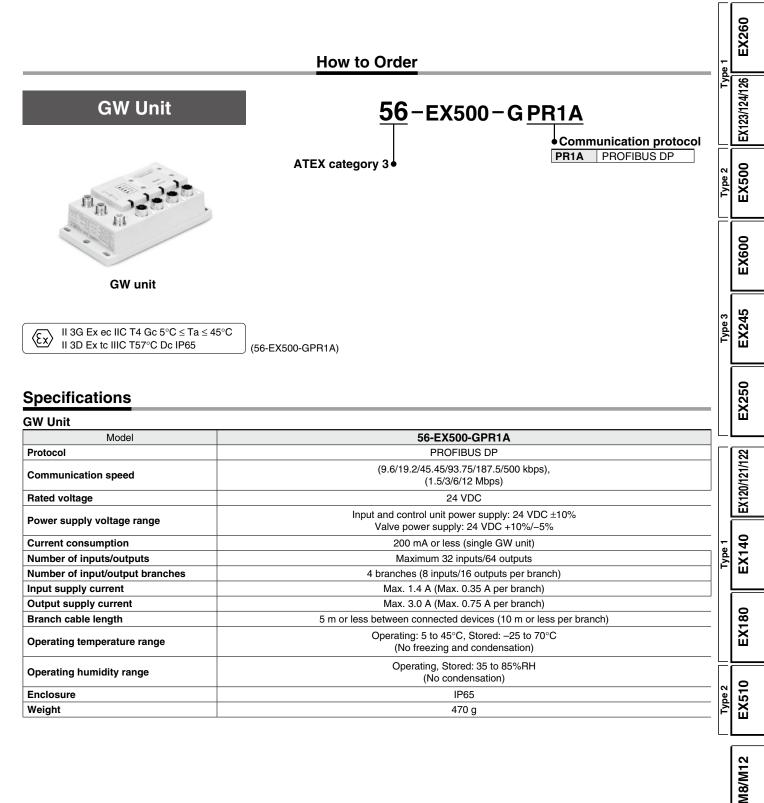
ATEX Compliant

Decentralized Serial Wiring (GW System, 4 Branches) 56-EX500 Series (E CAL[®]US

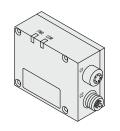


All other specifications are the same as the standard products EX500 series. For details, refer to the **Web Catalog**.

ATEX

ATEX Compliant 56-EX500 Series

SI Unit



(£x)	II 3G Ex ec IIC T5 5°C \leq Ta \leq 45°C II 3D Ex tc IIIC T52°C Dc IP67
	II 3D Ex tc IIIC T52°C Dc IP67

How to Order

<u>56</u>-EX500-<u>\$</u>001

• ATEX category 3

• Applicable solenoid valve: SV series

Specifications

	Model	56-EX500-S001	
Output specifications	Number of outputs	16 points	
	Output type	Sink/NPN (Positive common)	
	Supplied current	Max. 0.65 A	
	Rated voltage	24 V	
Internal current consumption		100 mA or less	
	Enclosure	IP67	
Environmental resistance	Operating temperature range	Operating: 5 to 45°C, Stored: –25 to 70°C (No freezing and condensation)	
	Operating humidity range	Operating, Stored: 35 to 85%RH (No condensation)	
Weight		115 g	

How to Order





<u></u>	II 3G Ex ec IIC T5 5°C \leq Ta \leq 45°C II 3D Ex tc IIIC T54°C Dc IP67	
∖ <u>cx</u> ∕	II 3D Ex tc IIIC T54°C Dc IP67	

<u>56</u> – EX500 – Q 0 01



Output type

Applicable solenoid valve: VQC series • 1 Source

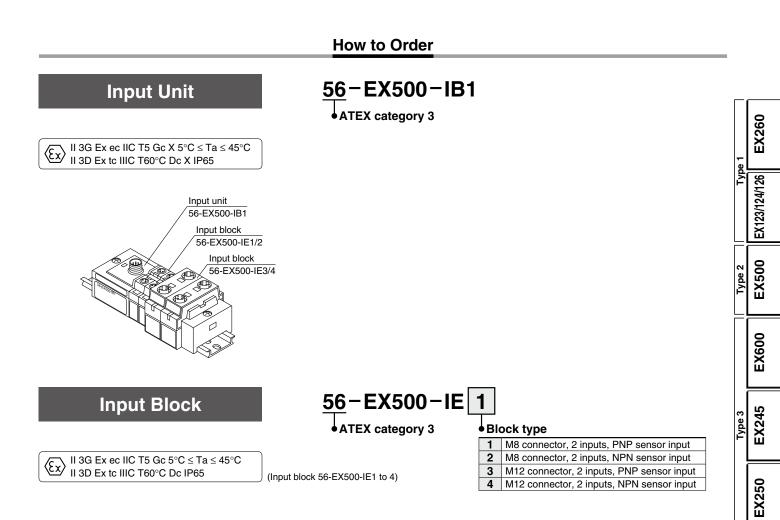
0 Sink/NPN (Positive common)

1 Source/PNP (Negative common)

Specifications

SI Unit				
Model		56-EX500-Q001	56-EX500-Q101	
	Number of outputs	16 points		
Output specifications	Output type	Sink/NPN (Positive common)	Source/PNP (Negative common)	
	Rated voltage	24 VDC		
	Supplied current	Max. 0.75 A		
Internal current consumption		100 mA or less		
	Enclosure	IP67		
Environmental resistance	Operating temperature range	Operating: 5 to 45°C, Stored: –25 to 70°C (No freezing and condensation)		
	Operating humidity range	Operating, Stored: 35 to 85%RH (No condensation)		
Weight		105 g		

Decentralized Serial Wiring (GW System, 4 Branches) 56-EX500 Series



Input Block

Specifications

Model	56-EX500-IB1	
Connection block	EX500-IE□ (Mixed combination is possible.)	
Number of inputs	Max. 8 points (56-EX500-GPR1A)	
Block supply voltage	24 VDC	
Block supply current	Max. 0.35 A (56-EX500-GPR1A)	
Current consumption	100 mA or less	
Operating temperature range	Operating: 5 to 45°C Stored: -25 to 70°C (No freezing and condensation)	
Operating humidity range	Operating, Stored: 35 to 85%RH (No condensation)	
Enclosure	IP65	
Weight*1	100 g (Input unit + End block)	
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input Blook				
56-EX500-IE1,3	56-EX500-IE2,4			
PNP sensor input	NPN sensor input			
IE1/2: M8 connector (3 pins), IE3/4: M12 connector (4 pins)				
IE1/2/3/4: 2 inputs				
24 VDC				
Max. 30 mA/Sensor				
emperature range Operating: 5 to 45°C Stored: -25 to 70°C (No freezing and condensation				
Operating, Stored: 35 to 85%RH (No condensation)				
IP65				
IE1/2: 20 g, IE3/4: 40 g				
	PNP sensor input IE1/2: M8 connector (3 pins), IE1/2/3/4 24 Max. 30 r Operating: 5 to 45°C Stored: -25 to Operating, Stored: 35 to 4 IF			

*1 Not including the DIN rail weight

The 56-EX500-IE5/6 input block (M8 connector, 8 points integrated type) is to be discontinued as of November 2021.

• PNP input (M8 connector)

Please consider ordering the 56-EX500-IE1 (2-point input) as a substitute.

NPN input (M8 connector)

Please consider ordering the 56-EX500-IE2 (2-point input) as a substitute.

EX120/121/122

Type 1 EX140

EX180

Type 2 EX510

M8/M12