

**ATEX Compliant**

**For Output**

# 56-EX260 Series

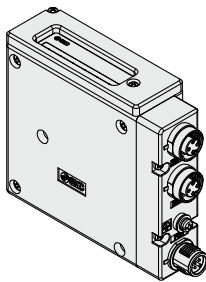


## How to Order

**56-EX260-S** **EC1** - X42

ATEX category 3

Communication protocol



<b>EC1</b>	EtherCAT
<b>PN1</b>	PROFINET

II 3G Ex nA IIC T5 Gc -10°C ≤ Ta ≤ 50°C  
 II 3D Ex tc IIIC T58°C Dc IP67  
 (56-EX260-SEC1-X42)

II 3G Ex nA IIC T4 Gc -10°C ≤ Ta ≤ 50°C  
 II 3D Ex tc IIIC T62°C Dc IP67  
 (56-EX260-SPN1-X42)

## Specifications

Model		56-EX260-SEC1-X42	56-EX260-SPN1-X42
Applicable system	Protocol	EtherCAT*2	
	Version*1	Conformance Test Record V.1.1	
	Configuration file*3	XML file	GSD file
I/O occupation area (Inputs/Outputs)		0/32	
Communication speed		100 Mbps*2	
Power supply for control	Power supply voltage	21.6 to 26.4 VDC	
	Internal current consumption	100 mA or less	
Valve power supply	Power supply voltage	22.8 to 26.4 VDC	
Communication connector specification		M12	
Terminating resistor switch		None (Not required)	
Output specifications	Output type	Source/PNP (Negative common)	
	Number of outputs	32 points	
	Load	Solenoid valve with surge voltage suppressor 24 VDC, 1.5 W or less (SMC)	Solenoid valve with surge voltage suppressor 24 VDC, 1.0 W or less (SMC)
	Supplied voltage	24 VDC	
		Max. 2.0 A	
Environmental resistance	Enclosure	IP67	
	Operating temperature range	-10 to 50°C	
	Operating humidity range	35 to 85%RH (No condensation)	
	Withstand voltage	500 VAC for 1 minute between terminals and housing	
Insulation resistance		10 MΩ or more (500 VDC measured via megohmmeter) between terminals and housing	
Weight		260 g	
Accessories	Accessories	2 pcs.	
	Seal cap (for M12 connector socket)	EX9-AWTS (1 pc.)	

\*1 Please note that the version is subject to change.

\*2 Use a CAT5 or higher communication cable.

\*3 Each file can be downloaded from the SMC website, <http://www.smcworld.com>