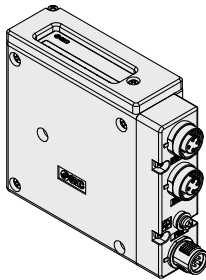


ATEX Compliant

For Output

56-EX260 Series

How to Order




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


ATEX category 3

Communication protocol


EC1	EtherCAT
PN1	PROFINET
EN1	EtherNet/IP™
PR1	PROFIBUS DP

 II 3G Ex ec IIC T5 Gc -10°C ≤ Ta ≤ 50°C
II 3D Ex tc IIIC T58°C Dc IP67


(56-EX260-SEC1-X42)

 II 3G Ex ec IIC T4 Gc -10°C ≤ Ta ≤ 50°C
II 3D Ex tc IIIC T69°C Dc IP67

(56-EX260-SEN1-X42)

 II 3G Ex ec IIC T4 Gc -10°C ≤ Ta ≤ 50°C
II 3D Ex tc IIIC T62°C Dc IP67

(56-EX260-SPN1-X42)

 II 3G Ex ec IIC T4 Gc -10°C ≤ Ta ≤ 50°C
II 3D Ex tc IIIC T61°C Dc IP67

(56-EX260-SPR1-X42)

Specifications

Model		56-EX260-SEC1-X42	56-EX260-SPN1-X42	56-EX260-SEN1-X42	56-EX260-SPR1-X42
Applicable system	Protocol	EtherCAT*2	PROFINET*2	EtherNet/IP™*2	PROFIBUS DP
	Version*1	Conformance Test Record V.1.1	PROFINET Specification Version 2.2	Volume1 (Edition3.17) Volume2 (Edition1.18)	DP-VO
	Configuration file*3	XML file	GSD file	EDS file	GSD file
I/O occupation area (Inputs/Outputs)		0/32			
Communication speed		100 Mbps*2		10 M/100 Mbps*2	(9.6/19.2/45.45/93.75/187.5/500 Kbps), (1.5/3/6/12 Mbps)
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)	Solenoid valve with surge voltage suppressor 24 VDC, 1.5 W or less (SMC)	
	Supplied voltage	24 VDC			
	Supplied current	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>