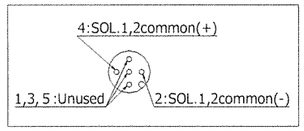
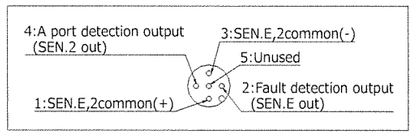
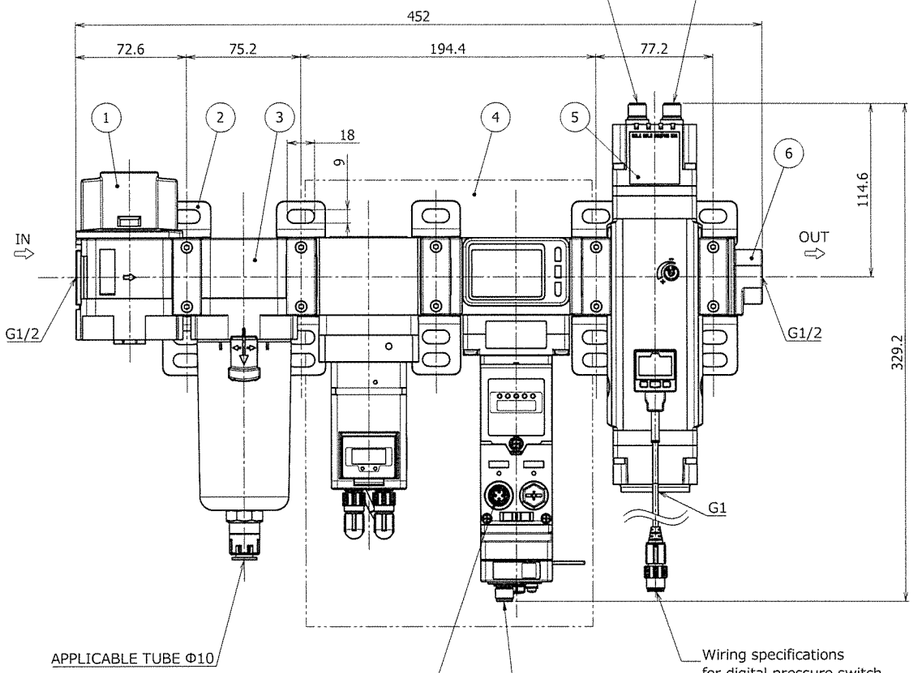
DWG NO ⓒAMS40X-F04-*-X2030

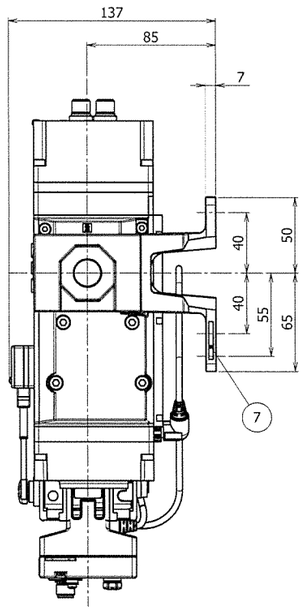
M12 connector for pilot valve



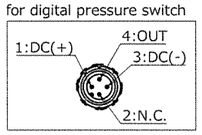
M12 connector for pressure sensor





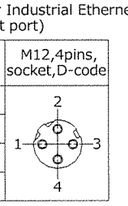


Wiring specifications
for digital pressure switch



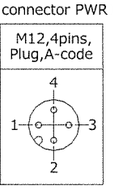
Connector for Industrial Ethernet
(Input/Output port)

Pin No.	Signal	M12,4pins, socket,D-code
1	TD+	
2	RD+	
3	TD-	
4	RD-	



Power supply connector PWR IN

Pin No.	Discription	M12,4pins, Plug,A-code
1	DC24V	
2	NC	
3	DC0V	
4	NC	



SA:Standalone(Note6)

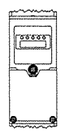
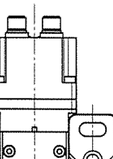


Fig.1

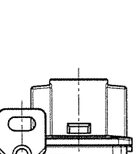
Port1(VP)

Pin No.	Signal	Discription	M12,5pins, socket,A-code
1	NC	Not Connected	
2	NC	Not Connected	
3	DC0V	DC0V	
4	Output	VP output	
5	NC	Not Connected	



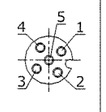
Port2(ITV)

Pin No.	Signal	Discription	M12,5pins, socket,A-code
1	DC24V	DC24V : OUTPUT	
2	NC	Not Connected	
3	DC0V	DC0V	
4	C/Q	ITV IO-Link	
5	NC	Not Connected	



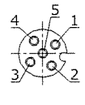
Port3
(Standby/Isolation Signal)

Pin No.	Signal	Discription	M12,5pins, socket,A-code
1	NC	Not Connected	
2	NC	Not Connected	
3	DC0V	DC0V	
4	Output	VP output	
5	NC	Not Connected	



Port 4 (IO-Link)

Pin No.	Signal	Discription	M12,5pins, socket,A-code
1	DC24V	DC24V : OUTPUT	
2	I/G	Digital input	
3	DC0V	DC0V	
4	C/Q	IO-Link、DI or DO	
5	NC	Not Connected	



Model indication method

AMS40X-F04- □ **-X2030**

Protocols

SA	Standalone (When wireless adapter is connected : Wireless remote)
PN	PROFINET,OPCUA (When wireless adapter is connected : Wireless base)
EN	EtherNet/IP™,OPCUA (When wireless adapter is connected : Wireless base)
EC	EtherCAT (When wireless adapter is connected : Witeless base)

Special specification

1. Refer to product specification for each product.

Notef

1. Be sure to refer "Catalog" and "Operation manual" for precautions before hadling.
2. Unless otherwise noted along with a separate contract or agreement within the Product Specifications, the safety instructions specified in the product catalog are applied. Please contact your local SMC Sales office for further details.
3. This special product is tested for leakage individually, but not after combination. Please use it after confirming that there is no air leakage.
4. Fixing bracket for mounting the wireless adaptor in ITEM4 is included in the package.
5. Connector cable for the digital pressure switch in ITEM5 is included in the package.
6. Standalone (SA) type has no input/output ports. (Fig.1)

ITEM	PART NO	PART NAME	MATERIAL	QTY	REMARKS
7	-	PRODUCT LABEL	PET	1	
6	E400-F04-D	PIPING ADAPTER	-	1	
5	VPX406KT-5KOD2Z-DE3Z-A4	EXHAUST VALVE	-	1	
4	AMS40A-H00D-*-XLG-X101	AIR MANAGEMENT SYSTEM	-	1	
3	AF40-F04D-D	AIR FILTER	-	1	
2	Y400T-1-D	SPACER WITH BRACKET	-	4	Use one in ITEM4(Total of five)
1	VHS40-F04-S-D	PRESSURE RELIEF 3 PORT VALVE	-	1	

REV	QTY	DESCRIPTION	DATE	PREPARED	REV NO
-	-	Error in writing correction (New drawing)	2024-07-19	R.Inukai	DOC1089785
-	-	1st Edition	2024-02-29	N.Oe	-

FINISH	-
PAINT	-
MASS	-
PACKING	-
*MATERIAL	-
*MATERIAL SIZE	-

TOLERANCES JIS B 0405			
RANGE(mm)	GRADE f (*)	m (*)	c (*)
0.5≤D≤3	0.05	0.1	0.2
3<D≤6	0.05	0.1	0.3
6<D≤30	0.1	0.2	0.5
30<D≤120	0.15	0.3	0.8
120≤D≤400	0.2	0.5	1.2
400<D≤1000	0.3	0.8	2
1000<D≤2000	0.5	1.2	3

DRAWN	S.Miyashita	
DATE	2024-07-19	
DESIGNED	R.Inukai	
DATE	2024-07-19	
CHECKED	N.Oe	
DATE	2024.07.19	
APPROVED	A.Asai	
DATE	2024-07-19	

SCALE 1 : 2

THIRD ANGLE

MODEL

DWG NAME: Air Management System

DWG NO: ⓒAMS40X-F04-*-X2030

REVISION: 2

DWG NAME

DWG REC

DWG ID GC13577502

SMC Corporation

FINISH:表面処理 / PAINT:塗装 / MASS:質量
PACKING:包装区分 / MATERIAL:材質
MATERIAL SIZE:材料寸法

SW-A1-V06