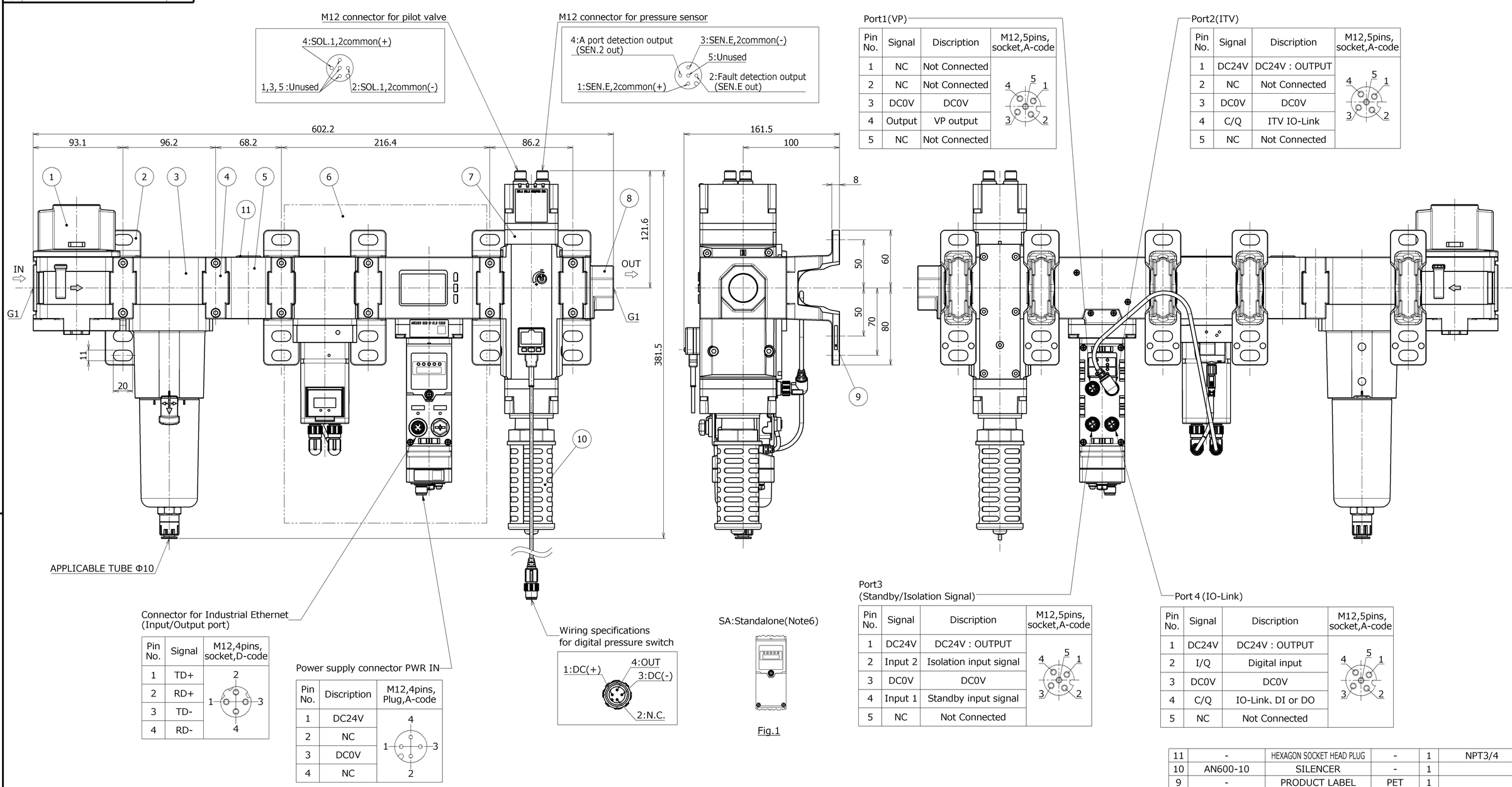
DWG NO ©AMS60X-F10-*-X2029 4




| 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 | |

| 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 | |

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

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

| Pin No. | Signal | Discription | M12,5pins, socket,A-code |
|---|---|---|---|
| 1 | DC24V | DC24V : OUTPUT | |
| 2 | Input 2 | Isolation input signal | |
| 3 | DC0V | DC0V | |
| 4 | Input 1 | Standby input signal | |
| 5 | NC | Not Connected | |

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

Fig.1

## Model indication method

**AMS60X-F10- □ -X2029**

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.

Note
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 ITEM6 is included in the package.
5. Connector cable for the digital pressure switch in ITEM7 and Silencer in ITEM10 are included in the package.
6. Standalone (SA) type has no input/output ports. (Fig.1)

| ITEM | PART NO | PART NAME | MATERIAL | QTY | REMARKS |
|---|---|---|---|---|---|
| 11 | - | HEXAGON SOCKET HEAD PLUG | - | 1 | NPT3/4 |
| 10 | AN600-10 | SILENCER | - | 1 | |
| 9 | - | PRODUCT LABEL | PET | 1 | |
| 8 | E600-F10-D | PIPING ADAPTER | - | 1 | |
| 7 | VPX406KT-5KOD2Z-DE3Z-A6 | EXHAUST VALVE | - | 1 | |
| 6 | AMS60A-H00D-*-KLG-X101 | AIR MANAGEMENT SYSTEM | - | 1 | |
| 5 | Y610-N06-D | T-SPACER | - | 1 | |
| 4 | Y600-D | SPACER | - | 1 | |
| 3 | AF50-F06D-D | AIR FILTER | - | 1 | |
| 2 | Y600T-2-D | SPACER WITH BRACKET | - | 4 | Use one in ITEM6(Total of five) |
| 1 | VHS50-F10-S-D | PRESSURE RELIEF 3 PORT VALVE | - | 1 | |

| REV | QTY | DESCRIPTION | DATE | PREPARED | REV NO |
|---|---|---|---|---|---|
| 4 | - | Addition of components (New drawing) | 2024-10-22 | N.Oe | DOC1100839 |
| 0 | - | 1st Edition | 2024-02-28 | N.Oe | - |

| 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 | 2024-10-22 | |
| DESIGNED | N.Oe | |
| DATE | 2024-10-22 | |
| CHECKED | | |
| DATE | | |
| APPROVED | A.Asai | |
| DATE | 2024-10-25 | |

| | |
|---|---|
| FINISH | - |
| PAINT | - |
| MASS | - |
| PACKING | - |
| MATERIAL | - |
| MATERIAL SIZE | - |

SCALE 1:2

MODEL | QTY

THIRD ANGLE

DWG NAME: Air Management System

DWG NO: ©AMS60X-F10-*-X2029

REVISION 4

DWG NAME | DWG REC | DWG ID GC13565404 | SMC Corporation

SW-A1-V06

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