AODG-P1

Display modules

INTEGRATION MODULES AND ADAPTERS

SICK
Sensor Intelligence.
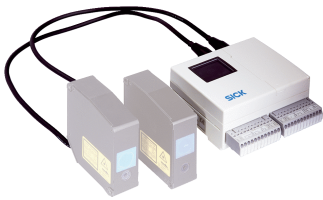
Ordering information

Type	part no.
AODG-P1	6030978

Other models and accessories ➜ www.sick.com/Display_modules

Detailed technical data

Features

Accessory group	Display modules
Description	OD Max evaluation unit, 5x PNP, required for OD25-01T1
Enclosure rating	IP20
Ambient operating temperature	−10 °C … +45 °C
Weight	240 g

Certificates

EU declaration of conformity	✓
ACMA declaration of conformity	✓
China RoHS	✓

Classifications

|	
ECLASS 5.0	27270890
ECLASS 5.1.4	27270890
ECLASS 6.0	27270890
ECLASS 6.2	27270890
ECLASS 7.0	27270890
ECLASS 8.0	27270890
ECLASS 8.1	27270890
ECLASS 9.0	27270892
ECLASS 10.0	27270892
ECLASS 11.0	27270892
ECLASS 12.0	27270992
ETIM 5.0	EC001825
ETIM 6.0	EC001825
ETIM 7.0	EC001825
ETIM 8.0	EC001825
UNSPSC 16.0901	41111613

Dimensional drawing AOD-xx AODG-xx
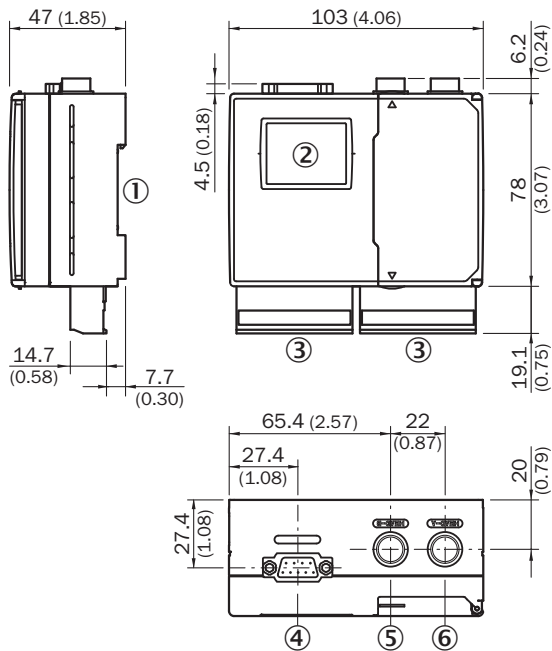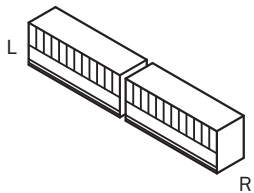

Dimensions in mm (inch)
① DIN rail mounting
② LC display
③ terminal board (detachable)
④ RS-232C interface
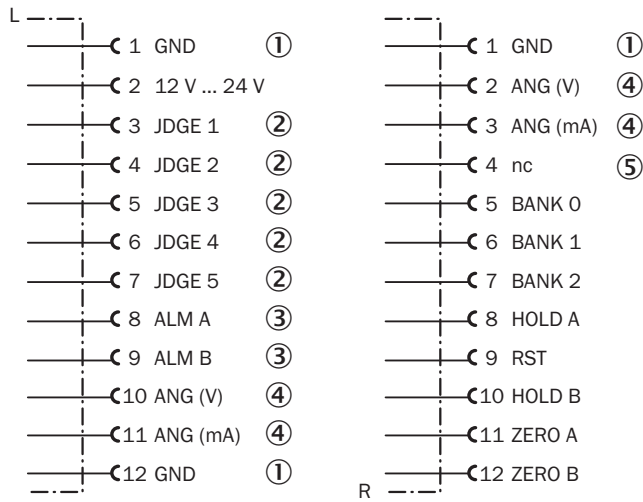⑤ sensor head B connection port
⑥ sensor head A connection port

Connection diagram RS-232C
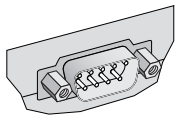

Terminal block connection type

Terminal block connection diagram

```
L                          R
  ∈ 1  GND        ①          ∈ 1  GND        ①
  ∈ 2  12 V … 24 V           ∈ 2  ANG (V)     ④
  ∈ 3  JDGE 1     ②          ∈ 3  ANG (mA)    ④
  ∈ 4  JDGE 2     ②          ∈ 4  nc          ⑤
  ∈ 5  JDGE 3     ②          ∈ 5  BANK 0
  ∈ 6  JDGE 4     ②          ∈ 6  BANK 1
  ∈ 7  JDGE 5     ②          ∈ 7  BANK 2
  ∈ 8  ALM A      ③          ∈ 8  HOLD A
  ∈ 9  ALM B      ③          ∈ 9  RST
  ∈10  ANG (V)    ④          ∈10  HOLD B
  ∈11  ANG (mA)   ④          ∈11  ZERO A
  ∈12  GND        ①          ∈12  ZERO B
```
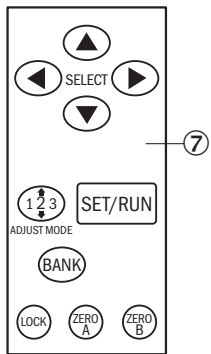
① Ground (0 V)
② Judgement Output = digital output
③ Alarm output
④ Analog output
⑤ Not assigned

Anschlussschema Evaluation unit RS-232C

```
1  nc   ①
2  RXD
3  TXD
4  nc   ①
5  GND
6  nc   ①
7  nc   ①
8  nc   ①
9  nc   ①
```
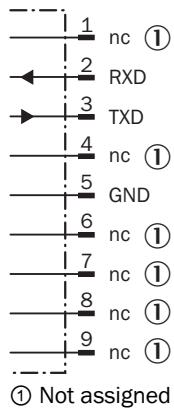
① Not assigned

Adjustments AOD-xx AODG-xx

⑦ Control elements

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We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

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Contacts and other locations –**www.sick.com**

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