

AS Series of LEDs Bargraph Meter Modules

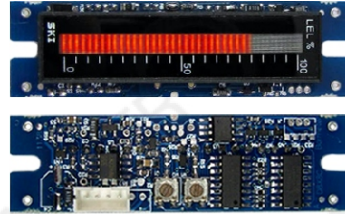
AS141T-424F

41 Segments 42 mm Single Bar-Meter Modules

AS

FEATURES

- Display widely by raster with colorful and fine lines.
- Wide range power supply and low power consumption.
- Single module struct, easy to install.
- Used in measure and display DC value .



[Http://www.barmeter.com](http://www.barmeter.com)

DESCRIPTIONS

- **Input Mode :** Current, Voltage, Rheostat
- **Max. Input Over Capability :** 2× Input value
- **Input Resistance Via For Volt Meter :** > 500KΩ
- **Resistance Via For Current Meter :** < 50Ω
- **Measuring Accuracy :**
 1. Current, Voltage ±0.5% F. S. ±1Segment
 2. Rheostat ±1.0% F. S. ±1Segment
- **Effective Beam Number :** 41 Segments
- **Bargraph Length :** 42 mm
- **Segment pitch:** 1.0 mm
- **Bargraph Width :** 4.0 mm
- **Zero and Full Adjust Ratio :** ± 10~20%
- **Power Supply and Range :** Normal: DC5V ± 10%
Optional: DC12V (10~15V)
DC24V (20~28V)
- **Power Consumption :** ≤ 0.2 W (F.S.)
- **Environment :** -30~70°C & < 85%RH
- **Insulating Intension (Isolated Power):** DC1000V 1min

ORDER CODE

| Bar color | 0~5V | 1~5V | 0~10mA | 4~20mA | 0~10V | Rheostat 2~10KΩ |
|----------------------|------|------|--------|--------|-------|-----------------|
| Red ■■■■■■■■■■ | 7011 | 7012 | 7013 | 7014 | 7015 | 7016 |
| Green ■■■■■■■■■■ | 7021 | 7022 | 7023 | 7024 | 7025 | 7026 |
| Yellow ■■■■■■■■■■ | 7031 | 7032 | 7033 | 7034 | 7035 | 7036 |
| R(G)* ■■■■■■■■■■ | 7041 | 7042 | 7043 | 7044 | 7045 | 7046 |
| G(R)* ■■■■■■■■■■ | 7051 | 7052 | 7053 | 7054 | 7055 | 7056 |

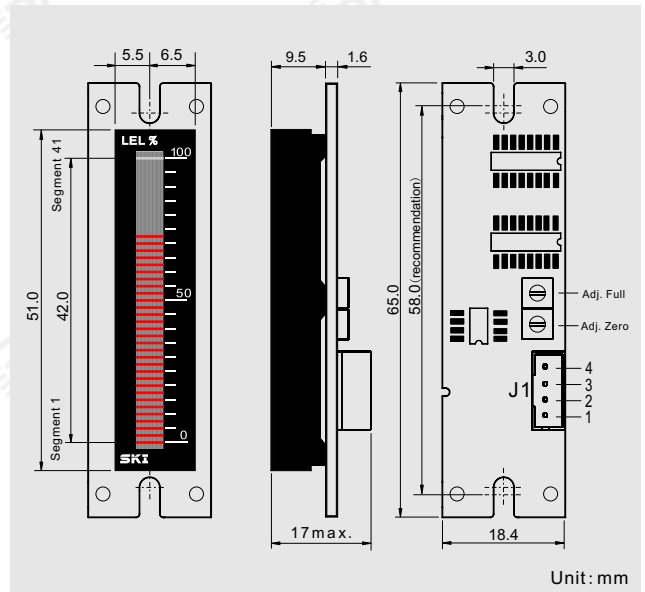
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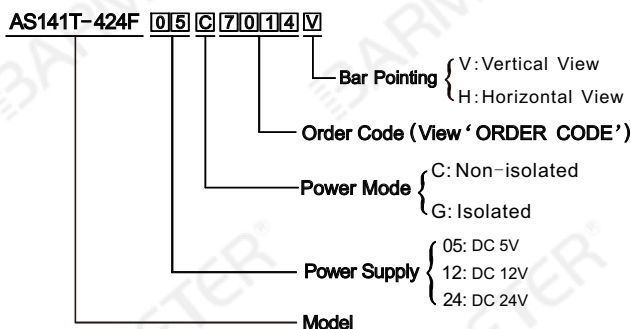
CONNECTION DIAGRAM (J1)

| No. | Symbol | Wire color | Definition |
|-----|--------|------------|-----------------------|
| 1 | PS- | Black | Power Supply Negative |
| 2 | IN(L) | Blue | Input low |
| 3 | IN(H) | Yellow | Input high |
| 4 | PS+ | Red | Power Supply Positive |

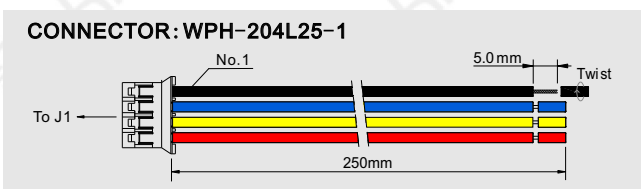
DIMENSION



MODEL AND ORDERING CODE



ACCESSORY



PANEL CUTOUT

