

AMV (AMS) 40, 50 and 60 Connection Modules

- for one bar code scanner in the CLV series -



Easy to use

Fast and efficient cabling solution

The AMV (AMS) 40, 50 and 60 connection modules provide a quick and efficient solution for connecting a SICK bar code scanner in the CLV series to peripheral devices (host/PLC/sensor) and the necessary power supply for industrial applications.

The modules are suitable for implementing a direct connection to a host (point-to-point) as well as simple bus structures (e.g. SICK network) and master/slave configurations using the bar code scanner. The devices support all host interface variants of the bar code scanner as well as its functional inputs and outputs.

The AMS is also equipped with an integrated power pack in addition to the terminal strips. The AMV (AMS) 50 can also be used in conjunction with the IR data transmission systems ISD 230, ISD 260 or ISD 280.

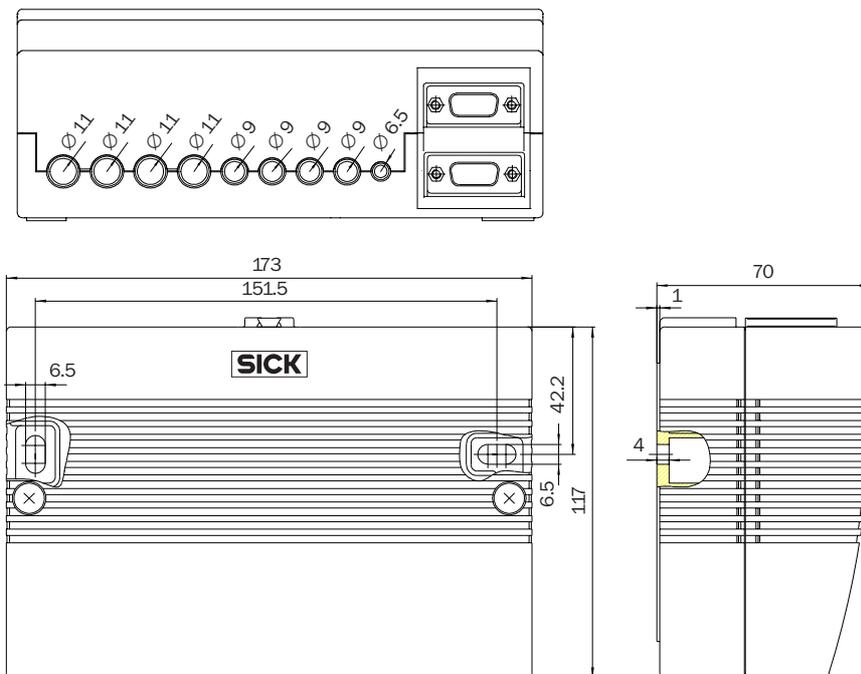
Benefits:

- Easy to install, thus saving time
- Quick and effective connection to peripherals (no time-consuming soldering work required)
- Quick and simple troubleshooting
- Low investment costs

The connection modules at a glance:

- Two oblong mounting holes for quick and precise installation
- Integrated connection diagram in cover
- Terminals clearly laid out and easily accessible
- Terminals labeled clearly
- Bar code scanner can be connected via plug-in cables
- Service connector for direct access to terminal interface of bar code scanner
- Integrated CL 20 mA converter for adaptation to host
- Optional CLV address dongle can be connected internally
- Cable glands for different diameters
- Functional design

SICK



All dimensions in mm

Technical data			
Type	AMV 40 (AMS 40)	AMV 50 (AMS 50)	AMV 60 (AMS 60)
Supported devices	CLV 410/210/220 CLV 43x/44x	CLV 230 ... 290 ISD 230 ... 280	CLV 265/295 CLV 490
Electrical connections	1 x 15-pin D Sub HD socket	2 x 9-pin D Sub socket/plug	2 x 15-pin D Sub HD socket/plug
Service connector	9-pin D Sub plug		
Input voltage	AMV: 24 V DC $\pm 20\%$ to IEC 742; AMS: 230 V AC $\pm 10\%$ or 115 V AC $\pm 10\%$		
Output voltage	24 V DC $\pm 20\%$ to IEC 742		
Output current AMS ¹⁾	max. 0.25 A	max. 0.75 A	max. 0.75 A
Power consumption AMS	max. 10 VA	max. 40 VA	max. 40 VA
Housing	Polycarbonate		
Enclosure rating	IP 30 to DIN 40 050/ IP 54 ²⁾		
Protection class	AMV: class 3 (to VDE 0106); AMS: class 2 (to VDE 0106)		
Weight	approx. 450 g (900 g)	approx. 520 g (1.4 kg)	approx. 540 g (1.4 kg)
Temperature (operating/storage)	0 ... +40 °C/ -20 ... +75 °C		
1) not for power supply to bar code scanners with integrated heating			
2) if mounted vertically (cable outlets downwards) and the matching glands for the individual cables are used			

SICK

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