

## JAG HUB ARCNET® HUB



### JAG Jakob AG Process Engineering,

your partner for plant construction and process automation offers the JAG HUB, a versatile solution to create ARCNET® networks with copper and fiber-optic segments.

The JAG HUB is particularly designed to meet the most demanding requirements of the pharmaceutical, chemical, biotech, cosmetics and food industries.

### Features and benefits of the JAG HUB ARCNET® HUB's

- Suitable for plantwide automation networks in industrial environments
- Acts as a repeater with galvanic isolation and optionally as fiber-optic converter
- Allows to build networks in star shape and to cascade networks
- Supports transmission rates up to 10 Mbit/s
- Offers 5 ports in total, thereof:
  - 3 ports for copper segments
  - 2 ports that can individually be configured for use with copper or fiber-optic segments
- Monitoring/diagnostic LED for each port
- Easy setup, no software or special tools required

## Mechanical data

Mounting clamps	suitable for DIN rail TS35 mm
Protection	IP20
Dimensions (w x h x d)	232 x 83 x 62 mm
Operating conditions	0 to +50 °C 10 to 90 % rel. humidity, non-condensing

## Electrical data

Supply voltage	24 VDC, max. 8 W
Number of ports	5 active ports
Copper ports (Cu)	3 x fixed, 2 x configurable RS 485, D-Sub 9 pin (f) galvanic isolation among ports 200 VDC (cont.)
Fiber-optic ports (FO)	up to 2 x configurable two ST connectors per port (metal) for multimode fibers 50/125 µm, 820 nm full duplex communication
Maximum network segment length	Cu: up to 150 m FO: up to 2 km
Supported baudrates	1.25, 2.5, 5 and 10 Mbit/s
Monitoring / diagnostic information	separate tricolor LED per port, indicating: - network connection - data transmission - network reconfiguration

## Order information

ARCNET® HUB	JAG HUB
Order number	M013.010.185.200

Application example with 4 decentralized control cabinets,  
with copper and fiber-optic network segments

