



Repeater to extend AS-i networks up to 1000 m



AS-Interface cable extensions



Increased operating temperature range -25...70 °C

Integrated passive bus termination

Reliable long term performance in tough conditions

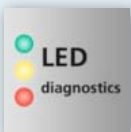
Fast data transfer for Safety at Work

Clearly visible diagnostic LEDs

Plug-in connection terminals



IP 20



Operation

Repeaters are used for AS-Interface to enable the network cable run to be extended beyond 100 m. Galvanic separation of network segments and independent voltage supplies ensure stability. The 62 participants are provided with a higher total current and the voltage drop decreases.

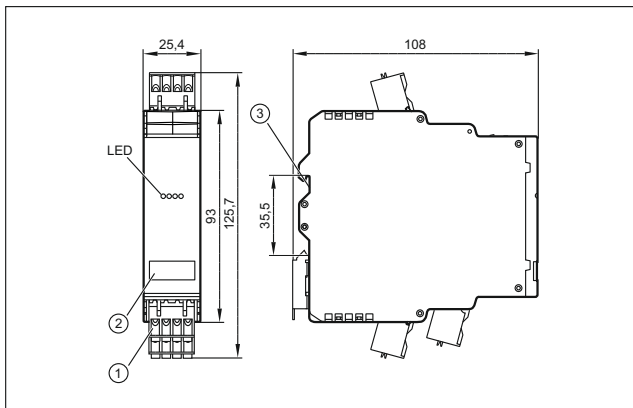
Features of the unit

The improved performance is packed into the new SmartLine housing. While conventional repeaters usually have a temperature range from 0...55 °C, the new unit from ifm operates reliably across a broad range from -25...70 °C.

The improved operating temperature range makes the new unit from ifm a class leader. This results in a longer life time thus saving time and money. Another new feature: the integrated passive bus termination.



Dimensions



- 1) plug with screw terminals
- 2) panel for labelling
- 3) Din rail adapter

Products

Type	Description	Order no.
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SmartLine AS-i repeater



Protection IP 20,
Combicon connectors,
integrated passive bus termination

AC3226

Technical data

SmartLine AS-i repeater AC3225

Operating voltage	[V DC]	26.5...31.6
Total current consumption via AS-i	[mA]	2 x 60
Ambient temperature	[°C]	-25...70
Housing material		PA 6.6

Accessories

Type	Description	Order no.
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AS-i power supply 115/230 V AC,
output current (AS-i) 2.8 A

AC1256



AS-i power supply 115/230 V AC,
output current (AS-i) 8 A

AC1258