

Drop-out Indicator

AD-SAM 101 ST
AD-SAM 101 MO

Description

The drop-out indicator AD-SAM 101 ST is used for monitoring life-zero-signal (4-20mA). No auxiliary voltage is required. If a connected current signal falls below the size of 4mA, a message appears at the open collector output (contact is being opened). The message can mean a total failure of the source, a measuring error or a wire break. The drop-out-indicator is also available as a print module (AD-SAM 101 MO) for user specific application or for equipping multi channel euro-board format.

Application

Monitoring of important process engineering measuring signals (life-zero) for failure or wire break.



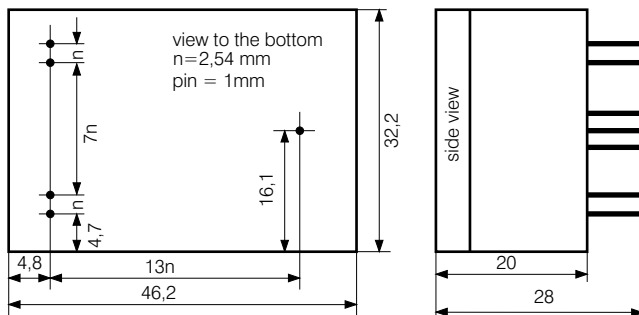
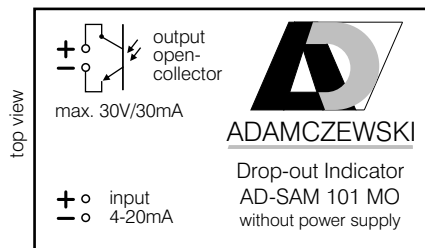
Special characteristics

- user friendly plug-in design
- no auxiliary voltage required
- no heat evolution
- also as print module for specific application
- compatible with passive drop-out indicator AD-SAM 101

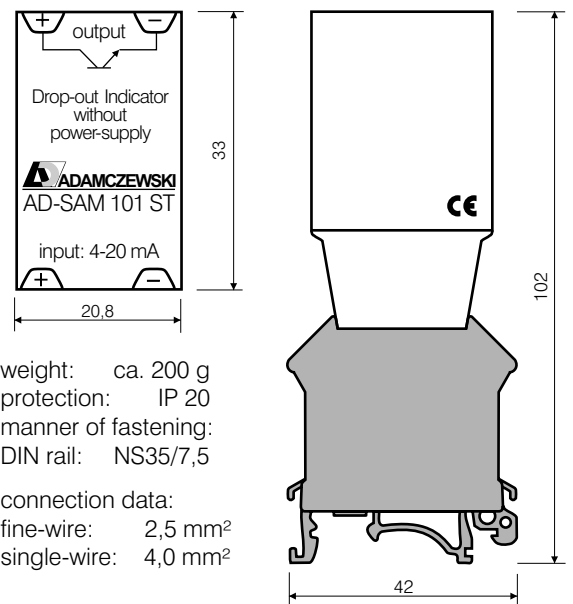
Specification

Power supply:	not required
Input:	4-20mA
Input voltage drop:	ca 0,7V
Output:	open-collector
Output-load:	max. 30V, 30 mA
Function of the output:	contact is being opened, when the signal falls below the size of 4 mA
Current limit contact:	input: 3,9mA output: 3,3mA
Reproducibility:	better 1%
Isolation	input/output: 2 kV
Reaction time:	approx. 10ms
Protection:	input against confusing the poles and over voltage output against over voltage
Ambient temperature:	0 - 50°C

Connections and dimensions: AD-SAM 101 MO



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