

AS-i compact module K45 digital 4 DI, IP67 4 x input, maximum 200 mA 4 x M8 socket Screw version Mounting plate 3RK1901-2EA00 or 3RK1901-2DA00 must be ordered separately



General technical data	
Design of the product	digital I/O modules for operation in the field, IP67 - K45
Type	4 inputs
Design of the slave type	standard slave
I/O configuration	0
ID/ID2 code	0/F
Number I/O sockets	4
Type of electrical connection of the inputs and outputs	M8 screw-type terminals
AS interface total current input max	270 mA
operating voltage according to AS-Interface specification	26.5 ... 31.6 V
Ground terminal	not available
Addressing	front addressing socket
AS interface Connection Polarity reversal protection	built-in
Delivery note	the modules are delivered without mounting plate
Sensor supply	
Type of voltage supply for power supply	using AS-Interface
Input voltage	20 ... 30 V

Property of the sensor supply Short-circuit and overload resistant	Yes
Ampacity of the sensor supply for all inputs	200 mA
<ul style="list-style-type: none"> at ambient temperature 40 °C 	

Inputs

Number of digital inputs	4
Type of connection	2- and 3-wire technology
Input circuit	PNP transistor
Type of voltage of the input voltages	DC
Inputs switching level High min	10 V
Input current at digital input	6 mA 1.5 mA
<ul style="list-style-type: none"> for signal <1> minimum with signal <0> maximum 	
Inputs sensor supply using AS-Interface	short-circuit and overload resistant
Inputs socket assignment	sensor supply L+ sensor supply L- data input
<ul style="list-style-type: none"> PIN 1 PIN 3 PIN 4 	
Design of the pin assignment of the inputs	

Outputs

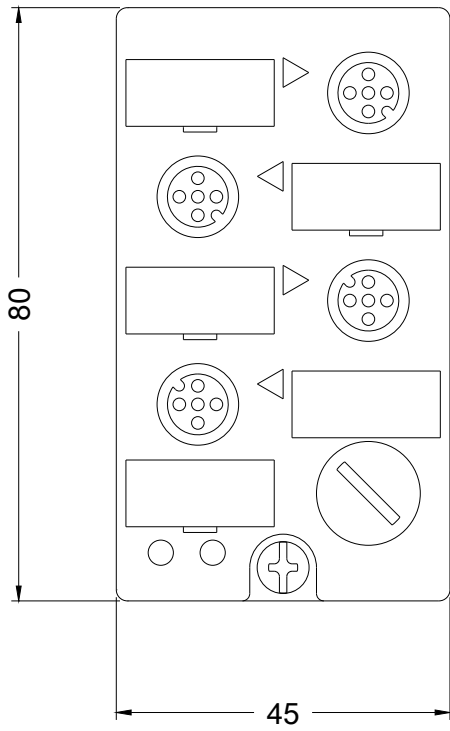
Number of digital outputs	0
Status display	yellow LED not required green/red dual LED
<ul style="list-style-type: none"> display of I/Os display of Uaux display of AS-Interface/diagnostics 	
Assignment of data bits	
<ul style="list-style-type: none"> socket socket 2 socket 3 socket 4 	PIN 4 = IN1 (D0) PIN 4 = IN2 (D1) PIN 4 = IN3 (D2) PIN 4 = IN4 (D3)

Ambient conditions

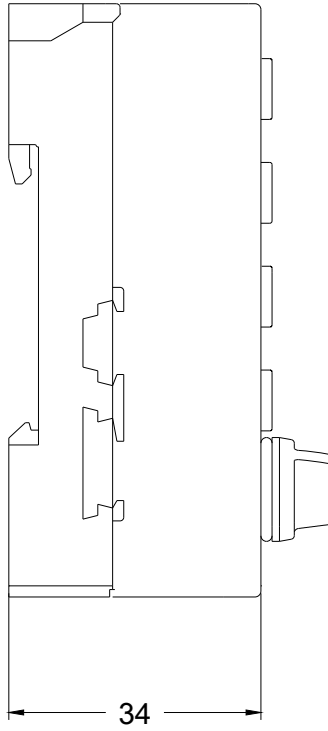
Ambient temperature	-25 ... +85 °C -40 ... +85 °C
<ul style="list-style-type: none"> during operation during storage 	
Protection class IP	IP67

Mechanical data

Width	45 mm
Height	80 mm
Depth	30 mm
Mounting type	standard rail mounting/wall mounting using mounting plate for K45 compact module



last modified:



05/07/2019

