



AS-Interface module F90, digital 16 DI (multiplexing) 16 x inputs for 2-wire sensor Connection via screw terminals Width 90 mm

General technical data		
design of the product		F90 module - I/O modules for operation in the control cabinet, IP20
design of the device type		standard slave
type of electrical connection of the inputs and outputs		screw-type terminals
Sensor supply		
type of voltage supply for sensor supply		using AS-Interface
input voltage	V	20 ... 30
property of the sensor supply short-circuit and overload resistant		Yes
ampacity of the sensor supply for all inputs at ambient temperature 40 °C	mA	200
Inputs		
number of digital inputs		16
type of connection technology		PNP transistor
type of voltage of the input voltages		DC
input current at digital input		
• for signal <1> minimum	mA	3
Outputs		
number of digital outputs		0
property of the output short-circuit proof		No
Ambient conditions		
ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
protection class IP		IP20
Mechanical data		
width	mm	90
height	mm	75
depth	mm	37
fastening method		35 mm standard rail mounting
Certificates/ approvals		
General Product Approval	EMV	Maritime application



[Miscellaneous](#)[Confirmation](#)[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RG9002-0DE00>

Cax online generator

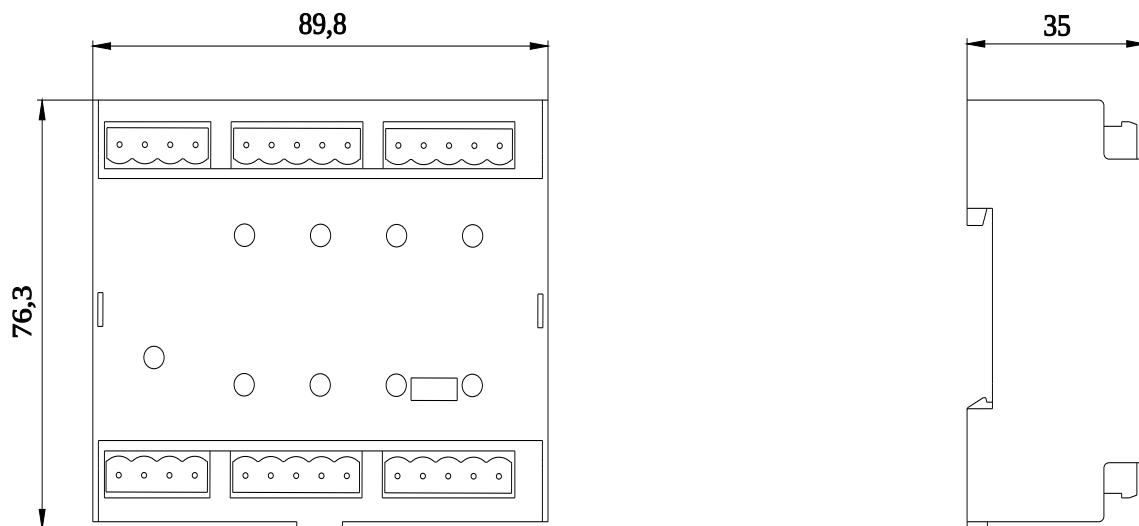
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RG9002-0DE00>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RG9002-0DE00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RG9002-0DE00&lang=en



last modified:

12/10/2025