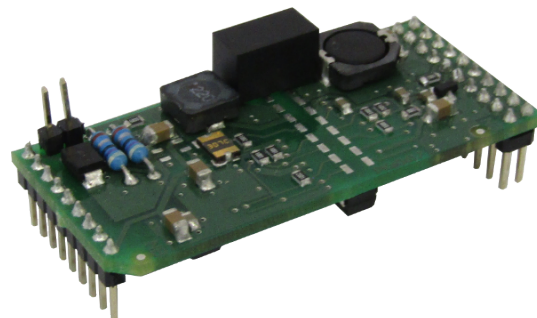


Automation systems

Short Catalog Sheet METEL.EU

IF boards

- A wide range of serial interfaces
- Highly durable hardware with integrated surge protectors
- Operating temperature from -40°C to $+70^{\circ}\text{C}$



Individual PCB boards cannot be ordered; they are provided solely for the purpose of listing all available interfaces, communication protocols, inputs and outputs.

IF boards for the IPLOG GAMA PLC.

Available models

Order name	Order code
IF-02	0003-0003
IF-01G	0002-0002
IF-04G	0006-0006
IF-05	0007-0007
IF-02G	0004-0004
IF-11	0013-0013
IF-06	0008-0008
IF-12	0014-0014
IF-09	0011-0011
IF-07G	0009-0009
IF-14G	0017-0017
IF-13	0015-0015
IF-15	0018-0018
IF-13G	0016-0016
IF-15G	0019-0019
IF-17G	0022-0022
IF-01	0001-0001
IF-22G	0026-0026



Order name	Order code
IF-21	0025-0025
IF-18G	0023-0023



Technical parameters

POWER

Input	Power from Mother board or IO board
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ENVIRONMENT

Operating temperature	-40...+70 °C
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Storage temperature	-40...+70 °C
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Humidity	Max. 95 %
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Standards and protocols

Standard	Note
IF-01(G)	2x RS485 (with galvanic separation)
IF-02(G)	2x RS232 (with galvanic separation)
IF-04G	DALI + RS485 with galvanic separation
IF05	1x RS485, 2x 10-bit alarm / digital input (5V)
IF-06	Audio line IN/OUT
IF-07G	1x RS485, 1-wire with galvanic separation
IF-09	M-BUS + RS485
IF-11	Wiegand, 2x 10-bit alarm / digital input (5V)
IF-12	4x 10-bit alarm / digital input (5V)
IF-13	RS232 (Rx, Tx, RTS, CTS)
IF-14G	4x digital inputs, galvanic separation
IF-15(G)	4x open collector output (with galvanic separation))
IF-17G	1x RS485, 1x RS232 (Rx, Tx), galvanic separation
IF-18G	1x LORA-EP1 + 1x RS485 MODBUS-RTU with galvanic separation
IF-21	2x 10-bit alarm / digital input (5V), 1x relay output
IF-22G	2x digital input (24V), 1x relay output

EMC and safety

Standard	Level	Note
EN 61000-6-2		Immunity - industrial environment
IEEE 1613		Environmental and Testing Requirements Electric Power Substations
EN 50130-4 ed. 2		Alarm systems - Part 4: Electromagnetic compatibility
EN 55032		EMC of multimedia devices - emission requirements
EN 55035		EMC of multimedia devices - immunity requirements
EN 62368-1		Safety requirements of Information technology equipment
EN IEC 63000		The Assessment Of Electrical And Electronic Products With Respect To The ROHS

Notes

- The manufacturer reserves the right to change technical parameters without prior notice.

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