

11 Communicationmodules

MULTICAL® 803 has room for four communication modules.
 All modules are part of the type approval of the MULTICAL® 803.
 Only type-approved modules must be used, as CE-declaration and factory warranty depends hereof.
 The meter automatically detects whether a module has pulse-inputs or pulse-outputs.

Type number	Module name	Note
HC-003-10	Data Pulse, inputs (In-A, In-B)	
HC-003-11	Data Pulse, outputs (Out-C, Out-D)	
HC-003-20	Wired M-Bus, inputs (In-A, In-B)	
HC-003-21	Wired M-Bus, outputs (Out-C, Out-D)	
HC-003-22	Wired M-Bus, Thermal Disconnect	☞ 3E ⚙
HC-003-30	Wireless M-Bus, inputs (In-A, In-B), 868 MHz	☞
HC-003-31	Wireless M-Bus, outputs (Out-C, Out-D), 868 MHz	☞
HC-003-32	linkIQ/wM-Bus, inputs (In-A, In-B), EU	☞
HC-003-33	linkIQ/wM-Bus, outputs (Out-C, Out-D), EU	☞
HC-003-34	wM-Bus, inputs (In-A, In-B),912,5/915/918,5 MHz	☞
HC-003-40	Analog outputs 2 x 0/4...20 mA	☞ 3E
HC-003-41	Analog inputs 2 x 4...20 mA / 0...10 V	☞ 3E
HC-003-43	PQT Controller	☞ 3E
HC-003-50	Low Power Radio, inputs (In-A, In-B), 434 MHz	☞ ⚙
HC-003-51	Low Power Radio GDPR, inputs (In-A, In-B), 434 MHz	☞ ⚙
HC-003-56	NB-IoT, inputs (In-A, In-B)	☞ ☑ + ☞
HC-003-60	LON TP/FT-10, inputs (In-A, In-B)	☞
HC-003-66	BACnet MS/TP, inputs (In-A, In-B)	☞
HC-003-67	Modbus RTU, inputs (In-A, In-B)	☞
HC-003-80	2G/4G Network, inputs (In-A, In-B)	☞ ☞
HC-003-81	BACnet IP, inputs (In-A, In-B)	☞
HC-003-82	Modbus/KMP TCP/IP, inputs (In-A, In-B)	☞
HC-003-83	READY TCP/IP, inputs (In-A, In-B)	☞
HC-003-84	High Power Radio Router, inputs (In-A, In-B), 444 MHz	☞ ☞
HC-003-85	High Power Radio Router GDPR, inputs (In-A, In-B), 444 MHz	☞ ☞

- ☞ The module requires that the meter is mains-supplied.
- ☞ The module requires that the meter is mains-supplied with a High Power supply.
- ☑+ The module requires that the meter is supplied by a High power battery.
- 3E The module requires an external power supply to operate.
- ⚙ The module requires a specific coding in meter, see the module datasheet for details.
- ☞ The module requires an internal or external antenna, see chapter **Mounting of antenna**.