

ifm controllers, displays and I/O modules for mobile machines, and IO-Link accessories, article list

22 ifm articles that GEARWELL lists: programmable controllers, displays and I/O modules for mobile machines, a display mounting frame set, and IO-Link, Bluetooth mesh and AS-Interface accessories. Each line gives the ifm type designation and key technical data taken from the technical data on the ifm product page for that article. Ask us for availability, lead time and price for any article below.

Programmable controllers for mobile machines (R360, SmartXL, ecomatController)

ORDER NUMBER	DESCRIPTION	
CR0232	R360/ExtendedController/32; programmable to IEC 61131-3; 80 I/O (inputs: 32 digital / 32 analog / 32 frequency; outputs: 48 digital, 32 PWM, 4 H-bridge); 4 x CAN, RS232, USB; 10...32 V DC; 153 x 277 x 43 mm; screw mounting	Request a Quote
CR0401	R360/BasicController 12/8; programmable to IEC 61131-3; 20 I/O (inputs: 12 digital / 4 analog / 4 frequency / 4 resistor; outputs: 8 digital, 8 PWM); 2 x CAN; 8...32 V DC; 163 x 112 x 25.5 mm; backplane mounting	Request a Quote
CR2532	R360/SmartXL/32In/32Out; programmable to IEC 61131-3; 64 I/O (inputs: 32 digital / 8 analog / 8 frequency / 4 resistor; outputs: 32 digital, 24 PWM, 4 analog 0.2...10 V); 3 x CAN; 8...32 V DC; 153 x 199.5 x 43 mm; screw mounting	Request a Quote
CR711S	ecomatController/60; safety controller, CODESYS 3.5; 60 I/O (32 inputs, 28 outputs); 4 x CAN (CANopen, SAE J1939, CANopen Safety), 2 x Ethernet, RS232; PL d / SIL 2; 8...32 V DC; 219 x 203 x 47 mm; IP65, IP67	Request a Quote
CR721S	ecomatController/124; safety controller, CODESYS 3.5; 124 I/O (68 inputs, 56 outputs); 4 x CAN (CANopen, SAE J1939, CANopen Safety), 2 x Ethernet, RS232; PL d / SIL 2; 8...32 V DC; 219 x 271 x 47 mm; IP65, IP67	Request a Quote

Programmable displays for mobile machines and mounting accessories

ORDER NUMBER	DESCRIPTION	
CR0452	R360/BasicDisplay XL; 4.3" color display, 480 x 272; 6 programmable backlit function keys, navigation key; programmable to IEC 61131-3; 1 x CAN; 8...32 V DC; 109.5 x 124.5 x 40.5 mm; connector M12 (A-coded, 5 contacts)	Request a Quote
CR1083	R360/PDM NG/DialogDisplay/C; 7" color display, 800 x 480; 8 programmable backlit function keys; programmable to IEC 61131-3; 4 x CAN, Ethernet, 2 x USB, 2 x video (CVBS); 10...32 V DC; 157 x 192 x 53.6 mm; connector M12	Request a Quote
CR1203	ecomatDisplay/12"/8:3/Touch; 12.3" color touch display (PCAP), 1280 x 480, 8:3; CODESYS 3.5, Embedded Linux; 4 x CAN, 2 x Ethernet, 2 x USB, 4 x analog video; 8...32 V DC; 160.5 x 339.1 x 47.7 mm; IP65, IP67	Request a Quote

ORDER NUMBER	DESCRIPTION	
EC0753	Display/Brackets/4.3"/K 25p; mounting frame set for 4.3" ecomatDisplay CR1140, CR1141; stainless steel 1.4301 / 304; 101 x 123 x 36.5 mm; panel mounting; pack of 25	Request a Quote

I/O modules for mobile machines (R360 modules, CabinetModule, ioControl)

ORDER NUMBER	DESCRIPTION	
CR2011	R360/COMPACT-MODULE/O/8; 8 digital outputs, all PWM; 1 x CAN; 10...32 V DC; 152 x 60 x 22 mm; backplane mounting; connector M12	Request a Quote
CR2012	R360/MODULE/I/12/O/4/10V; 16 I/O; 4 analog inputs 0...10 V; 4 digital outputs (2 PWM); 1 x CAN; 10...32 V DC; 63 x 163 x 29 mm; backplane mounting	Request a Quote
CR2016	R360/CabinetModule/32I/O; 32 I/O (16 inputs: digital, 4 frequency, 4 analog 0...10 V; 16 outputs, PWM, 2 A); CANopen; 10...32 V DC; 181 x 105 x 30 mm; screw mounting; IP20	Request a Quote
CR2040	ioControl/In 16/M12; 16 inputs (digital, 8 analog, 4 frequency, 4 resistor); programmable to IEC 61131-3; 2 x CAN (CANopen, SAE J1939); 8...32 V DC; 234 x 76 x 37.2 mm; connector M12 (A-coded, 5 gold-plated contacts); IP65, IP67	Request a Quote
CR2041	ioControl/Out 16/M12; 16 outputs (all PWM, 8 PWM-I); programmable to IEC 61131-3; 2 x CAN (CANopen, SAE J1939); 8...32 V DC; 234 x 76 x 37.2 mm; connector M12 (A-coded, 5 gold-plated contacts); IP65, IP67	Request a Quote
CR2042	ioControl/In 8/Out 8/M12; 8 inputs (digital, 4 analog, 4 frequency, 4 resistor), 8 outputs (PWM, PWM-I); programmable to IEC 61131-3; 2 x CAN (CANopen, SAE J1939); 8...32 V DC; 234 x 76 x 37.2 mm; connector M12 (A-coded, 5 gold-plated contacts); IP65, IP67	Request a Quote
CR2052	ioControl/In 8/Out 8/DT6; 8 inputs (digital, 4 analog, 4 frequency, 4 resistor), 8 outputs (PWM, PWM-I); programmable to IEC 61131-3; 2 x CAN (CANopen, SAE J1939); 8...32 V DC; 234.2 x 76 x 40.5 mm; 2 x DEUTSCH connector, 6 contacts; IP65, IP67	Request a Quote

IO-Link, Bluetooth mesh and AS-Interface accessories

ORDER NUMBER	DESCRIPTION	
EI0344	Bluetooth mesh IO-Link adapter; BLE 5.0, 2.4 GHz, range typ. 20 m; 1 PNP output 200 mA; IO-Link 1.1; 18...30 V DC; connector M12 (A-coded, 4 gold-plated contacts); IP67, IP69K	Request a Quote
EI0404	Bluetooth mesh IoT base station for up to 50 adapters; BLE 5.0, 2.4 GHz, range typ. 20 m; Ethernet 10/100 Mbit/s, MQTT JSON, IoT Core; 18...30 V DC; IP67	Request a Quote
E30443	IO-LINK MASTER DISPLAY 1,44; IO-Link display, 1.44" color, 128 x 128 pixels; IO-Link 1.1, COM3; 18...30 V DC; 86 x 45 x 39.5 mm; connector M12 (A-coded, 4 gold-plated contacts); IP65, IP67	Request a Quote
E30444	IO-LINK REPEATER; IO-Link repeater; IO-Link 1.0 / 1.1, COM1 / COM2 / COM3; port class A / B, 0.84 A (class A) / 2 A (class B); 18...30 V DC; IP68, IP69K	Request a Quote

ORDER NUMBER	DESCRIPTION	
E43410	IO-LINK DATA SPLITTER NPN; IO-Link data splitter; 1 NPN output 200 mA; IO-Link 1.1, COM2; 18...30 V DC; requires Y cable EVC843; IP67	Request a Quote
E70580	AS-I BUS TERMINATION; AS-i passive bus termination; 18.5...31.6 V DC, 15 mA from AS-i; for flat cables 1.5 and 2.5 mm ² ; IP67	Request a Quote

Prepared by GEARWELL, 2026-10-14. ifm is a trademark of ifm electronic gmbh. GEARWELL is an independent supplier and is not affiliated with or authorized by ifm electronic. Article numbers, type designations and technical data are taken from the ifm electronic product pages at www.ifm.com (English, retrieved 2026-10-14). They are given for identification; confirm the article number on the device label before ordering. Official documentation: www.ifm.com.