



Mobile Control iFLEX5

Electronic Control Systems:Control Systems

Product description

Type	iFLEX5®
Description	The mobile control for rough environment
Product description	The control module of iFLEX5® is especially designed for high performance in extreme environments. This includes protection class IP67, EMC electromagnetic compatibility, shock proof as well as the design of connectors and housings. A large number of in- and outputs for digital and analog signals allow the processing of conventional sensors and actors. For extended applications the iFLEX5® can be expanded with additional I/O boards. The integrated CAN Open Bus interface allows the processing of intelligent sensors, actors like valve and other CAN subsystems. In addition several iFLEX5® modules can be linked to a high performance decentralized network. This flexible and powerful package is complemented by PAT 's extensive line of operator consoles and precision sensors.
Order No.	606320 - 21 020 06 0004 basic (606985 - 21 020 06 0005 extended)

Technical data

Standards	EN 13000, EN 50081-1, EN 50081-2, EN 61000-6-2, EN 60068-2-29, EN 60068-2-64
Operating voltage	10 ... 30 V DC
Current consumption	< 2 A
Inputs	8x analog, resolution 12bit 16(24)x digital 4x counter, 24bit (option)
Outputs	16(24)x digital 4(8)x PWM, 2 A 1x relay output
Type of termination	system plug
Interface	CANopen 2.0B, RS 232, RS 485

Environmental conditions

Operating temperature	-25 to +75 °C
Storage temperature	-30 to +80 °C
Degree of protection (IP)	IP 67

Accessories

Options	Interactive Graphics Console with CAN interface / Datalogger
	Software Engineering Tools
	- Genersys - Graphics Programming
	- 1131 Pro - Applications Programming
	- iTOOL - Systems Diagnostics & Support
	- iFLASH - Data Transfer utility

Drawing

