

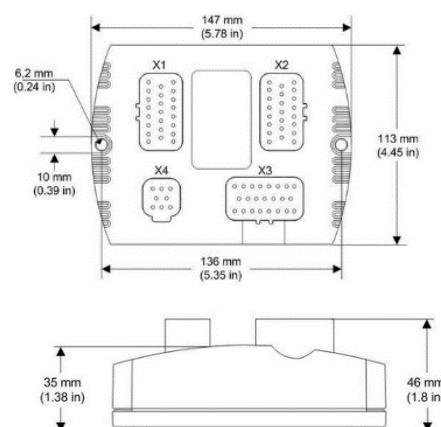
EPEC 3720 CONTROL UNIT

ONE PAGER 3720

Need to connect 10 propo valve pairs? Epec 3720 control unit is specially optimized for hydraulic actuator control with a high amount of PWM outputs and feedback pins. Epec 3720 I/O interface is compatible with the previous Epec 2020 control unit and gives an easy upgrade possibility. Furthermore, Epec 3720 comes in the same rugged proven-in-use aluminum housing and reliable connectors.

TECHNICAL FEATURES

Processor: 16/32 bit CPU
Flash memory: 1,6 Mbyte
RAM: 138 kbyte
PLCopen application size: up to 768 kbyte
CAN: 1 or 2
I/O: 59 (35 inputs + 24 outputs)
IP class: IP67
Temperature range: -40 ... + 85 °C -40 ... +185 °F
Connectors: 3 x AMP 23, 1 x AMP8
CODESYS version: 2.3
Supported CAN protocols: CANopen, SAEJ1939



APPROVALS

Symbol / Name	Explanation
CE	This product complies with the requirements set in the CE Standard.
E17	This product is certified with normal automotive (E17) EMC (electromagnetic compatibility) standards.
RoHS2	This product complies with the RoHS directive (The Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment).

VARIANTS & MANUALS

Ordering code	E30B3720-21	E30B3720-01	E30B3720-02
Technical Manual ID	MAN000671	MAN000673	MAN000672
CAN	2	2	2
5 V REF	1	1	1
PWM / DO / DI (pull-up resistor)	16	16	16
PWM / DO / DI (pull-down resistor)	8	8	8
Internal CAN termination	-	-	yes (always on)
FB / AI (1 A)	-	20 (10 pairs)	20 (10 pairs)
FB / AI (2 A)	20 (10 pairs)	-	-
AI / DI (0-5 V / 0-22 mA, internal 2,2 kΩ resistor connected to +5 V)	1	1	1
AI / DI (0-5 V / 0-22 mA)	5	5	5
AUX OUT (max 4 A)	2 (shared current)	2 (shared current)	2 (shared current)



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