



8 Ordering Information

EPC Modules are available in three standard options: **Non-Configured Modules**, **Standard Configured Modules**, and **Small Engineered System Units**.

Non-Configured Modules are intended for customer-engineered systems and OEM applications. It is expected that the user has completed Oilgear training or has significant experience with hydraulic systems and Oilgear electronics. Wiring diagrams and installation drawings are not provided beyond the standard bulletin and/or PC Interface Software online help (both items ordered separately). All accessory items should be ordered as separate line items (please see the Accessories Section for more information).

Standard Configured Modules are intended for standard single-unit applications or replacement parts for Small Engineered Systems. The modules are pre-programmed by Oilgear prior to shipping, but may require some field adjustment. Wiring diagrams and installation drawings are not provided beyond the standard bulletin and/or PC Interface Software online help (both items ordered separately). All accessory items should be ordered as separate line items (please see the Accessories Section for more information).

Small Engineered System Units are fully engineered and tested application system components including customized wiring diagrams and installation drawings. The number of EPC modules determines the base price of the Small Engineered System. In addition to wiring and installation drawings, Oilgear provides Configured Modules to simplify replacement parts. All accessory items should be ordered as separate line items (please see the Accessories Section for more information).

EPC Modules:

Oilgear Part No.	Description
L723888-110	PWM, Moog 20L, VM Control, Max to +/-800mA, 17KHZ
L723888-111	PWM, Moog 40L, VM Control, Max to +/-800mA, 7KHZ
L723888-112	PWM, P2C, Proportional Solenoid, Max to +600mA, 17KHZ
L723888-114	PWM, VSC4/SCVA/SCVP Valves, Max to +/-250mA, V-S/V-V/V-W
L723888-9XX	Special or System Applications

Table 26: EPC Modules

Accessories:

PC Interface Support:

Oilgear Part No.	Description
250858-004	PC Interface Software (Windows 95, 98, 2000, NT 4.0, ME) CD ROM (Floppy Disk Images can be copied from CD)
247909-494	Serial Communications Cable for PC Interface Software and 1XX EPC Null Modem Cable 3 Meters in Length (DB9 Female to DB9 Female)

Table 27: PC Interface Support



TECHNICAL DOCUMENT
EPC
SERVO AMPLIFIER MODULE
Part Number L723888-1xx

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DIN Rail Mount Power Supplies (DC 24 V Output/AC 120-230 V Input):

Oilgear Part No.	Description
243432-114	24V DC/1.3A DIN Rail Mount Power Supply
243432-115	24V DC/2.5A DIN Rail Mount Power Supply
243432-117	24V DC/5.0A DIN Rail Mount Power Supply
243432-118	24V DC/10.0A DIN Rail Mount Power Supply

Table 28: 24V DC Power Supplies

DIN Rail Mount Power Supply (DC 12 V Output/AC 120-230 V Input):

Oilgear Part No.	Description
243432-129	12V DC/1.25A DIN Rail Mount Power Supply

Table 29: 12V DC Power Supply

DIN Rail Mount Power Supply (DC 24 V Output/DC 10-30 V Input):

Oilgear Part No.	Description
Consult Factory	

Table 30: 24V DC Power Supply

Mounting Kits:

Oilgear Part No.	Description
K724094-001	Kit 1, For (1) EPC and (1) 1.3A Power Supply Includes: (8") DIN Rail, (2) End Stops, (1) Spacer and (1) Ground Terminal
K724094-002	Kit 2, For (2) EPCs and (1) 2.5A Power Supply Includes: (13") DIN Rail, (2) End Stops, (2) Spacers and (2) Ground Terminals
K724094-003	Kit 3, For (3) EPCs and (1) 5.0A Power Supply Includes: (14") DIN Rail, (2) End Stops, (3) Spacers and (3) Ground Terminals
K724094-004	Kit 4, For (4) EPCs and (1) 10.0A Power Supply Includes: (17") DIN Rail, (2) End Stops, (4) Spacers and (4) Ground Terminals
K724094-005	Kit 5, For (5) EPCs and (1) 10.0A Power Supply Includes: (21") DIN Rail, (2) End Stops, (5) Spacers and (5) Ground Terminals
K724094-006	Kit 6, For (6) EPCs and (1) 10.0A Power Supply Includes: (24") DIN Rail, (2) End Stops, (6) Spacers and (6) Ground Terminals

Table 31: Mounting Kits

DIN Rail:

Oilgear Part No.	Description
250629-001	DIN EN 50022-35 Rail (inch)

Table 32: DIN Rail



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EPC
SERVO AMPLIFIER MODULE
Part Number L723888-1xx

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Enclosures:

Oilgear Part No.	Description
	Consult Factory

Table 33: Enclosures

Pressure Transducers, Resister and Snubbers:

Oilgear Part No.	Description
L251287-753	5000 PSI 4-to-20mA Output 1/4 NPT
L251287-853	5000 PSI 4-to-20mA Output #4SAE
403895-568	500 Ohm Resister for 4-to-20mA Transducers (499 Ohm 1%)
248172-001	Snubber NPT
248172-004	Snubber SAE

Table 34: Pressure Transducers, Resister and Snubbers

Oil-Tight Preset Units

Oilgear Part No.	Description
245478-003	Single Potentiometer 5K Ohm Single Turn (Model #SD304-00x)
L406132-00x	Single Potentiometer 10-Turn with Digital Counter (Model #SD305-00x)

Table 35: Oil-Tight Preset Units

NOTES:

1. Order Accessories as separate line items.
2. PC Software and Interface Cable IS REQUIRED for 1XX Series EPC modules.
3. Electronic version of manual (Adobe™ PDF) is included at no charge with PC Interface software or by request at oasys.support@oilgear.com. PC interface software includes shareware version of Adobe Acrobat Reader™.
4. Maximum Number of EPC Modules for each Power Supply:
 (Calculated using 1.25A in-rush/900mA operating current for EPC PWM).

	243432-114	243432-115	243432-117	243432-118
	1.3A Supply	2.5A Supply	5.0A Supply	10.0A Supply
EPC	1	2	4	8

Table 36: EPCs Per Power Supply

5. Mounting Kits includes DIN rail, end stops, and ground terminals for proper mounting of EPC(s) with power supply.
6. Technical documentation is available online at www.oilgearsystems.com.