

Type FPM | Filtered SCR DC Remote Speed Control (NEMA-12 Enclosure)

- Designed to drive 90 Volt DC or 130 Volt DC motors
- Dip switches to easily calibrate control
- Line voltage and temperature compensation
- Trim pots on PC board to adjust torque limit, minimum speed limit, maximum speed limit, acceleration time, and speed regulation
- Speed can be adjusted manually
- Terminal block inside enclosure
- Back EMF feedback maintains better than 2% speed regulation
- Fuse holders for line and motor inside enclosure (both fuses supplied)
- UR, CSA, RoHS



HP Rating	Input V (VAC, 50/60 Hz)	Motor Rating (VDC)	Continuous Output Current (Amps)	Peak Output Current (Amps)	FF	Remote Signal	Product Type	Model Number
FPM Enclosed Filtered SCR DC Controls NEMA 12, Remote Speed Control								
1/17	115	90 or 130	0.5	1	1.0	Analog	FPM-0816E	0816
1/6			1.25	2.5		Analog	FPM-0836E	0836
1/3			2.3	4.6		Analog	FPM-0856E	0856

Type UPM | Unfiltered SCR DC Remote Speed Control

- Designed to drive 90 Volt DC or 130 Volt DC motors
- Switchable output for 0-90 Volt DC or 0-180 Volt DC.
- Back EMF feedback maintains better than 2% speed regulation.
- Dip switches to easily calibrate control
- Two diagnostic LEDs indicate when power is on and when current output is at limit set by TORQ pot
- Six on-board user-adjustable pots for torque limit, minimum speed limit, maximum speed limit, acceleration time, deceleration time and speed regulation
- Speed can be adjusted manually using a remote 10K speed pot (included with control)
- Unfiltered drive draws lower AC line current than comparable SCR filtered controls
- Connections for optional user-supplied inhibit switch
- cURus, CE, RoHS



HP Rating	Input V (VAC, 50/60 Hz)	Motor Rating (VDC)	Continuous Output Current (Amps)	Peak Output Current (Amps)	FF	Product Type	Model Number	
							1/4 in. QC tab	Terminal Block
UPM Unfiltered SCR DC Controls Chassis, Basic Speed Control								
1/5 @ 90 V 1/3 @ 180 V	115/230	90 or 130 @ 115 VAC 180 @ 230 VAC	2.1	4.2	1.6	UPM-3318C	0865	0866

Type UPM | NEMA-1 Unfiltered SCR Basic Speed Control (NEMA-1 Enclosure)

- Designed to drive 90 Volt DC or 130 Volt DC motors
- Line voltage compensation minimizes speed drift
- Back EMF feedback maintains better than 2% speed regulation.
- Dip switches to easily calibrate control
- Trim pots on PC board to adjust torque limit, minimum speed limit, maximum speed limit, acceleration time, deceleration time, and speed regulation
- Two diagnostic LEDs indicate when power is on and when current output is at limit set by TORQ pot
- Manual speed adjustment
- Terminal block inside enclosure
- Unfiltered drive draws lower AC line current than comparable SCR filtered controls
- Connections for optional user-supplied inhibit switch
- cURus, RoHS



HP Rating	Input V (VAC, 50/60 Hz)	Motor Rating (VDC)	Continuous Output Current (Amps)	Peak Output Current (Amps)	FF	Product Type	Model Number
UPM Enclosed Unfiltered SCR DC Controls NEMA 1, Basic Speed Control							
1/5	115	90 or 130	2.1	4.2	1.6	UPM-3318E1	0867