



SERVO PRODUCTS/PARTS LIST

Industrial Servo Actuators

PA-R-135-4-C-06-A-180-30* ²	PA-R-250-8-R-24-A-180-60* ¹
PA-R-135-6-C-06-A-180-00* ²	PA-R-250-9-C-24-A-180-60* ³
PA-R-205-4-R-24-A-180-30* ¹	PA-R-340-7-C-24-A-180-70* ³
PA-R-205-6-R-24-A-180-30* ¹	PA-R-340-9-C-24-A-180-70* ³
PA-R-250-4-R-24-A-180-60* ¹	PA-R-440-7-C-24-A-180-00* ³
PA-R-250-5-C-24-A-180-60* ¹	

Redundant Servo Actuators

PA-RR-260-8-C-24-C-315-00
PA-RR-260-9-C-24-C-315-00
PA-RR-340-7-C-24-C-315-00
PA-RR-340-9-C-24-C-315-00
PA-RR-720-7-C-24-C-315-00



*¹ Standard version = operating voltage 18-32V, ± 45° deflection angle, PWM-TTL level signal, rigid output shaft, PA-ME contactless sensor, D-9 sub connector, differential position feedback
 *² Standard version = operating voltage 6-9V, ± 45° deflection angle, PWM-TTL level signal, PA-SC gear train protection, PA-ME contactless sensor, differential position feedback
 *³ Standard version = operating voltage 18-32V, ± 45° deflection angle, PWM-TTL level signal, PA-SC gear train protection, PA-ME contactless sensor, D-9 sub connector, differential position feedback

Options/Upgrades

Description

- PA-SC Additional Slip Clutch
(Ordering code example: PA-R-205-4-C-24-A-180-30)
- Alternative Voltage
(Ordering code example (6-Volt version): PA-R-205-4-R-06-A-180-30)
- Differential PWM/RS485 Signal
(ordering code example: PA-R-205-4-C-24-B-180-30)
- RS485 Data Protocol
(Ordering code example: PA-R-205-4-C-24-C-180-30)
- Glenair Mighty Mouse Connector
(Ordering code example: PA-R-250-8-C-24-A-180-63)
- IP67 Water and Dust Protected Cable Pigtail,
No Connector, 1m Cable Length
(Ordering code example: PA-R-205-4-R-24-A-180-37)
(Available for all actuator types; standard pigtail on PA-R-135-4 type actuator)

Programming Adapters

Item#	Device	Description
14850006	Adapter	MTA100-DE9 For Actuators without connector. Actuators ordered with pig tail but without connector will be manufactured with a Tyco MTA100 connector, to connect those units to the PA-Control 2 the MAT100-DE9 adapter is required.
14850013	Isolator	RS485 This device electrically isolates the data lines between the control system/ PA-Control and the actuator data bus to help with problems caused by electrical interference.

Programming Cables

Item#	Device	Description
Cables to connect Actuators with Glenair Series 801 connector to the PA-Control 2.		
14850005	PA-Control 2 Cable	R-205, R-250 to Glenair Series 801, size 6-7
14850009	PA-Control 2 Cable	R-340, R-440 to Glenair Series 801, size 10-202
Cables to connect Actuators to the PA-Control 3.		
14950005	PA-Control 3 Cable	RR-260
14950006	PA-Control 3 Cable	RR-340, RR-720

Programming Device Tools

Programming tool to parameterize the Actuator.

Item#	Device	Description
14850011	PA-Control 2	Industrial Pegasus Actuators Adapter cable not included.
14950001	PA-Control 3	Redundant Pegasus Actuators Y-adapter cable not included.

Magnetic OPV Clutch Assemblies

Item#	OPV Clutch	Description
12508200	PA-RA-3	R-250, R-340-7, RR-260
13407200	PA-RA-4	R-340-9, RR-340, RR-720

Quantity Discounts on 50/100/250/500/1000 pieces. Premium Service available for shortened lead time.

Extension Cables

Actuators with mating Glenair Series 801 connectors mounted and sealed on side 1 and an open end on side 2.

Item#	Device	Description
12508101	1m Ext. Cable	R-205, R-250, RR-260 with Connector Size 6-7
13407101	1m Ext. Cable	R-340, R-440, RR-340, RR-720 with Connector Size 10-202

Repair & Overhaul Available*

PA-R-205, PA-R-250, PA-R-340, PA-R-440, PA-RR-206-8, PA-RR-260-9, PA-RR-340-7, PA-RR-340-9, PA-RR-720

Complete inspection and overhaul and an Overhaul/Status Report. Includes: New motor(s), new gear train, new bearings, new upper and middle case parts, new QC process, run-in and burn-in plus miscellaneous gaskets, washers, etc.

*No quantity discounts.

Pegasus is entitled to reject any uneconomical or impossible repair!

Installation Frames

Item#	Frame#	Actuator
11354051	PA-IF-135-4-01	For R-135-4 Actuators
12054051	PA-IF-205-4-01	For R-205-4 Actuators
12056051	PA-IF-205-6-01	For R-205-6 Actuators
12508051	PA-IF-250-8-01	For R-250-8 Actuators
12509051	PA-IF-250-9-01	For R-250-9 Actuators
13407051	PA-IF-340-7-01	For R-340-7 Actuators
13407052	PA-IF-340-9-01	For R-340-9 Actuators

Mating Connectors

Actuators with Glenair 801, includes Pins.

Item#	Device	Description
72509003	Glenair 801-007-16NF6-7SA, size 6-7	Aluminum/Cadmium, Olive Drab Chromate Includes 7x Glenair 809-002 (AWG22-28) socket contacts.
74957001	Glenair 801-007-16ZNU6-7SA, size 6-7	Aluminum/Zinc-Nickel, Black Chromate Includes 7x Glenair 809-002 (AWG22-28) socket contacts.
73407002	Glenair 801-007-16ZNU10-202SA, size 10-202	Aluminum/Zinc-Nickel, Black Chromate Includes 8x Glenair 809-002 (AWG22-28) and 2x 809-111 (AWG16-20) socket contacts.

Servo Universal Levers

Item#	Description	Actuator	Size
12054025	PA-UL-001	R-205	5mm square
12054026	PA-UL-002	R-205	5mm square
12509033	PA-UL-003	R-250, RR-260	6.5mm square
11354025	PA-UL-005	R-135	5mm square
11354026	PA-UL-006	R-135	5mm square
12509034	PA-UL-007	R-250, RR-260	6.5mm square
13407421	PA-UL-008	R-340, RR-340	8mm square
14407041	PA-UL-010	R-250, RR-260	6.5mm square
12054045	PA-UL-101	R-205	5mm square
12509043	PA-UL-103	R-250, RR-260	6.5mm square
11354045	PA-UL-105	R-135	5mm square
13407045	PA-UL-108	R-340, RR-360	8mm square
14407043	PA-UL-110	R-440, R-720	10mm square

Quantity Discounts on 50/100/250/500/1000 pieces. Premium Service available for shortened lead time.

For questions on Pegasus product prices, capabilities, custom integration, training & support contact David Jackson, David.Jackson@nwuav.com | 503.434.6845 x185