

Controller Part Number Breakdown

PS - XXXX - XX - XXX(XXX) - X

PLuS Part Number

MODEL/DISPLAY SELECTION
6 - 1/4 DIN LCD Display

TRANSDUCER SELECTION
1 - Resolver Input
3 - 2 Resolver Input

INPUT/OUTPUT CONFIGURATION
4 - DC Transistor Outputs and/or SLIMLINE Modules on Keyboard/Controller back with input capability

FUNCTIONS
4 - Output Enable Modes & Standard Features

INPUT VOLTAGE
24 - (20 - 30 VDC Input)

OPTIONS
F - Additional setpoint/program storage
G - Gray Code Output (8 bit)
G10 - Gray Code Output (10 bit)
H - High Resolution (12 bit-4096)
L - Leading & Trailing Edge Speed Compensation
W - Washdown boot

MB - Modbus™ communication protocol available for PS-6X44 Models

MSV - Multiple Controllers used with one resolver

TYPE & NUMBER OF OUTPUTS
M17 - 17 SLIMLINE AC and/or DC Module Outputs, 2 of which may be analog
N16M09 - 16 DC Sinking† Transistor Outputs & 9 SLIMLINE AC and/or DC Module Outputs, 2 of which may be analog
P16M09 - 16 DC Sourcing† Transistor Outputs & 9 SLIMLINE AC and/or DC Module Outputs, 2 of which may be analog

Resolver Part Number Breakdown

PS - 52 XX - XXX - X X X

PLuS Part Number

Resolver

SHAFT SIZE
12 - 1/8 DIA.
15 - 15 mm DIA.
20 - 20 mm DIA.
38 - 3/8" DIA., 2.06" Bolt Flange
62 - 5/8" DIA., 2.25" Bolt Flange
75 - 3/4" DIA.

RATIO
11 - Standard 1:1 (Note: 3rd digit not used on Standard 1:1)
051 - Geared 5:1 - Ext. shaft to internal resolver shaft
101 - Geared 10:1 - Ext. shaft to internal resolver shaft
361 - Geared 36:1 - Ext. shaft to internal resolver shaft

HOUSING
A - Can housing w/flange or foot endbells
C - Stainless steel square housing
E - 74 mm bolt spacing, flange mount
S - Servo mount (.12 = size 11; .38 = size 25)

TYPE OF CABLE CONNECTION
D - Military bayonet style connector
T - Terminal strip with NO conduit entrance
V - No connector, just stripped & tinned wires
S - Sealed connector — screw type

Note: Part # PS-5903-01-001 conduit entrance for terminal strip models sold separately

LOCATION OF CABLE CONNECTION
W - With stripped & tinned leads
G - Right (120° from top on "A" housings)
R - Rear (not available on Geared Resolver)
L - Left (120° from top on "A" housings)
S - Side (Top)

†See page 12 for sinking/sourcing definitions.