

AB Legacy Assemblies for Rockwell Automation Motors

Legacy Feedback & Power Cable Assemblies

Cable Construction

Jacket: Feedback: gray or black PVC

Power with brake: gray or black PVC (ÖLFLEX® 190 CY & ÖLFLEX® FD 890 CY); orange polyurethane or PVC (ÖLFLEX® SERVO cable)

Approvals



All raw cable is Lapp product; datasheets are available on our website or via sales. Assembly drawings are available on our website. All overmolded products are molded with UL 94 V-0 PVC.

Cable Technical Data



Cable Type:

- Feedback P/N: 812090, 812308, 812701, 892206TP, 602208TP
- Power/power with brake: ÖLFLEX® 190 CY, page 26
ÖLFLEX® FD 890 CY, page 61
ÖLFLEX® servo cables, pages 104, 109, 113, 115



Minimum Bend Radius:

- Feedback:
 - for stationary use:
 - Cable 812090, 812308: 10 x cable diameter
 - Cable 602208TP: 8 x cable diameter
 - for continuous flex:
 - Cable 812701: 12 x cable diameter
 - Cable 892206TP: 10 x cable diameter
- Power/power with brake: see specific cable catalog page



Nominal Voltage:

- Feedback: 300V
- Power/power with brake: 600V

Connector Technical Data



Connector Type:

- for MP series motors: ITT Cannon TNM; bayonet
- for MPF series motors: M23 series; threaded
- for N series motors: M26482 series; bayonet

- for H & F series motors: M5015 series; threaded
- for Y series motors: Tyco CPC black plastic; threaded
- for TL series motors: Tyco MATE-N-LOK, tab-locking

MP Series Motors

Motion Type	Lapp Part Number	Rockwell Part Number	Motion Type	Lapp Part Number	Rockwell Part Number
Power: 230V			Stationary	63529xxx-8	2090-XXNPMP-8Sxx
Flexing	73529xxx-10	2090-UXNPAMP-10Sxx	Stationary	63529xxx-10	2090-XXNPMP-10Sxx
Flexing	73529xxx-14	2090-UXNPAMP-14Sxx	Stationary	63529xxx-14	2090-XXNPMP-14Sxx
Flexing	73529xxx-16	2090-UXNPAMP-16Sxx	Stationary	63529xxx-16	2090-XXNPMP-16Sxx
Flexing	73529xxx-10	2090-XXNPMP-10Sxx	Power: 460V 1394C-SJTXX-D (D29)		
Flexing	73529xxx-14	2090-XXNPMP-14Sxx	Flexing	73529xxx-8	2090-CDNPBMP-8Sxx
Flexing	73529xxx-16	2090-XXNPMP-16Sxx	Flexing	73529xxx-10	2090-CDNPBMP-10Sxx
Stationary	63529xxx-10	2090-UXNPAMP-10Sxx	Flexing	73529xxx-14	2090-CDNPBMP-14Sxx
Stationary	63529xxx-14	2090-UXNPAMP-14Sxx	Flexing	73529xxx-16	2090-CDNPBMP-16Sxx
Stationary	63529xxx-16	2090-UXNPAMP-16Sxx	Stationary	63529xxx-8	2090-CDNPBMP-8Sxx
Stationary	63529xxx-10	2090-XXNPMP-10Sxx	Stationary	63529xxx-10	2090-CDNPBMP-10Sxx
Stationary	63529xxx-14	2090-XXNPMP-14Sxx	Stationary	63529xxx-14	2090-CDNPBMP-14Sxx
Stationary	63529xxx-16	2090-XXNPMP-16Sxx	Stationary	63529xxx-16	2090-CDNPBMP-16Sxx
Power: 460V			Feedback: 230/460V		
Flexing	73529xxx-8	2090-UXNPBMP-8Sxx	Flexing	73528xxx	2090-UXNFBMP-Sxx
Flexing	73529xxx-10	2090-UXNPBMP-10Sxx	Flexing	73526xxx	2090-UXNFBMP-Sxx
Flexing	73529xxx-14	2090-UXNPBMP-14Sxx	Flexing	75926xxx	2090-XXNFMP-Sxx
Flexing	73529xxx-16	2090-UXNPBMP-16Sxx	Stationary	63528xxx	2090-UXNFBMP-Sxx
Flexing	73529xxx-8	2090-XXNPMP-8Sxx	Stationary	63526xxx	2090-UXNFBMP-Sxx
Flexing	73529xxx-10	2090-XXNPMP-10Sxx	Stationary	65926xxx	2090-XXNFMP-Sxx
Flexing	73529xxx-14	2090-XXNPMP-14Sxx	1394 (D29)		
Flexing	73529xxx-16	2090-XXNPMP-16Sxx	Flexing	71100125-xxx	2090-CDNFDMP-Sxx
Stationary	63529xxx-8	2090-UXNPBMP-8Sxx	Stationary	61100125-xxx	2090-CDNFDMP-Sxx
Stationary	63529xxx-10	2090-UXNPBMP-10Sxx	ULTRA 3000/5000 with 1394 Brake		
Stationary	63529xxx-14	2090-UXNPBMP-14Sxx	Flexing	73524xxx	2090-UXNBMP-18Sxx
Stationary	63529xxx-16	2090-UXNPBMP-16Sxx	Stationary	63524xxx	2090-UXNBMP-18Sxx

Replace "xxx" with desired cable length in feet.

For a 90° connector on the motor end, add "-R" to end of Lapp P/N.

For an extension assembly (male-female), add "-E" to end of Lapp P/N.

Photographs are not to scale and are not true representations of the products in question.

For current information go to our website. If not otherwise specified, all values relating to the product are nominal values.

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H/F Series Motors

Motion Type	Lapp Part Number	Rockwell Part Number
Power		
Flexing	73502xxx	2090-UXNPAHF-14SXX
Flexing	73502xxx	2090-XXNPHF-14SXX
Flexing	73503xxx	2090-UXNPAHF-10SXX
Flexing	73506xxx	2090-UXNPAHF-8SXX
Stationary	63502xxx	2090-UXNPAHF-14SXX
Stationary	63502xxx	2090-XXNPHF-14SXX
Stationary	63503xxx	2090-UXNPAHF-10SXX
Stationary	63506xxx	2090-UXNPAHF-8SXX
Feedback		
Flexing	73513xxx	2090-UXNFBHF-SXX
Flexing	73525xxx	2090-UXNDFHF-SXX
Flexing	75925xxx	2090-XXNFHF-SXX
Stationary	63513xxx	2090-UXNFBHF-SXX
Stationary	63525xxx	2090-UXNDFHF-SXX
Stationary	65925xxx	2090-XXNFHF-SXX
Brake		
Flexing	73544xxx	—
Stationary	63544xxx	—

TL Series Motors

Motion Type	Lapp Part Number	Rockwell Part Number
Power		
Flexing	71529xxx-16	2090-XXNPT-16Sxx
Flexing	71529xxx-16	2090-DANPT-16Sxx
Stationary	61529xxx-16	2090-XXNPT-16Sxx
Stationary	61529xxx-16	2090-DANPT-16Sxx
Feedback		
Flexing	71526xxx	Flying lead configuration
Flexing	71528xxx	2090-XXNFT-Sxx
Flexing	72528xxx	2090-DANFCT-Sxx
Stationary	61526xxx	Flying lead configuration
Stationary	61528xxx	2090-XXNFT-Sxx
Stationary	62528xxx	2090-DANFCT-Sxx
Brake		
Flexing	500058xxx	2090-DANBT-18Sxx
Stationary	300058xxx	2090-DANBT-18Sxx

For a 90° connector on the motor end, add “-R” to end of Lapp P/N.
For an extension assembly (male-female), add “-E” to end of Lapp P/N.

Y Series Motors

Motion Type	Lapp Part Number	Rockwell Part Number	Motion Type	Lapp Part Number	Rockwell Part Number
Power with Brake			Feedback		
Flexing	73505xxx	2090-UXNPAY-16Sxx	Flexing	73515xxx	2090-UXNFBN-Sxx
Flexing	73505xxx	2090-XXNPNY-16Sxx	Flexing	73514xxx	2090-UXNFD4-Sxx
Stationary	63505xxx	2090-UXNPAY-16Sxx	Flexing	75914xxx	2090-XXNF4-Sxx
Stationary	63505xxx	2090-XXNPNY-16Sxx	Stationary	63515xxx	2090-UXNFBY-Sxx
			Stationary	63514xxx	2090-UXNFDY-Sxx
			Stationary	65914xxx	2090-XXNFY-Sxx

Ultra 100/200 Series Motors

Motion Type	Lapp Part Number	Rockwell Part Number	Motion Type	Lapp Part Number	Rockwell Part Number	Motion Type	Lapp Part Number	Rockwell Part Number
F Series: Power with Brake & Feedback			Flexing	71118xxx	9101-2027	Stationary	61107xxx	9101-1467
Flexing	71103xxx	9101-1383	Stationary	61101xxx	9101-1381	Stationary	61116xxx	9101-1468
Flexing	71121xxx	9101-1365	Stationary	61102xxx	9101-1382	Stationary	61117xxx	9101-1474
Stationary	61103xxx	9101-1383	Stationary	61106xxx	9101-1399	Y Series: Power with Brake & Feedback		
Stationary	61121xxx	9101-1365	Stationary	61113xxx	9101-1366	Flexing	71105xxx	9101-1385
F/H Series: Power with Brake & Feedback			Stationary	61118xxx	9101-2027	Flexing	71114xxx	9101-1373
Flexing	71101xxx	9101-1381	N Series: Power with Brake & Feedback			Flexing	71115xxx	9101-1375
Flexing	71102xxx	9101-1382	Flexing	71107xxx	9101-1467	Stationary	61105xxx	9101-1385
Flexing	71106xxx	9101-1399	Flexing	71116xxx	9101-1468	Stationary	61114xxx	9101-1373
Flexing	71113xxx	9101-1366	Flexing	71117xxx	9101-1474	Stationary	61115xxx	9101-1375

Replace “xxx” with desired cable length in feet.

H Series Motors

Motion Type	Lapp Part Number	Rockwell Part Number
Power		
Flexing	73501xxx	2090-XXNPH-16Sxx
Stationary	63501xxx	2090-XXNPH-16Sxx

N Series Motors

Motion Type	Lapp Part Number	Rockwell Part Number (Stationary)
Power with Brake		
Flexing	73507xxx	2090-UXNPAN-16Sxx
Flexing	73507xxx	2090-XXNPN-16Sxx
Stationary	63507xxx	2090-UXNPAN-16Sxx
Stationary	63507xxx	2090-XXNPN-16Sxx
Feedback		
Flexing	73516xxx	2090-UXNFBN-Sxx
Flexing	73527xxx	2090-UXNFDN-Sxx
Flexing	75927xxx	2090-XXNFN-Sxx
Stationary	63516xxx	2090-UXNFBN-Sxx
Stationary	63527xxx	2090-UXNFDN-Sxx
Stationary	65927xxx	2090-XXNFN-Sxx
Brake		
Flexing	73534xxx	—
Stationary	63534xxx	—

MPF Series Motors

Motion Type	Lapp Part Number	Rockwell Part Number
Power		
Flexing	400270-xxx-10	2090-XXNPMF-10Sxx
Flexing	400270-xxx-10NB	Without brake
Flexing	400270-xxx-14	2090-XXNPMF-14Sxx
Flexing	400270-xxx-14NB	Without brake
Flexing	400270-xxx-16	2090-XXNPMF-16Sxx
Flexing	400270-xxx-16NB	Without brake
Stationary	300270-xxx-10	2090-XXNPMF-10Sxx
Stationary	300270-xxx-10NB	Without brake
Stationary	300270-xxx-14	2090-XXNPMF-14Sxx
Stationary	300270-xxx-14NB	Without brake
Stationary	300270-xxx-16	2090-XXNPMF-16Sxx
Stationary	300270-xxx-16NB	Without brake
Feedback		
Flexing	400271-xxx-15P	With drive connector
Flexing	400271-xxx	2090-XXNFMF-SXX
Stationary	300271-xxx-15P	With drive connector
Stationary	300271-xxx	2090-XXNFMF-SXX