

ALLEN-BRADLEY KINETIX MOTION SYSTEMS

Product Data Sheet

2090-XXNPMF-14S20

20 m servo motor power cable

FUNCTION	FAMILY	ORIGIN	WEIGHT
20 m servo motor power	Allen-Bradley Kinetix motion systems	United States	4.00 kg

Allen-Bradley Kinetix Servo Drive 2090-XXNPMF-14S20 is a 20 m servo motor power cable for the Allen-Bradley Kinetix motion systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	2090-XXNPMF-14S20
Product Class	20 M Servo Motor Power Cable
Product Family	Allen-Bradley Kinetix motion systems
Cable Length	20 m
Connector Style	SpeedTEC DIN motor connector
Motor-End Code	14S
Drive-End Code	Flying leads / drive connector
Power Conductors	Four motor power conductors
Brake Conductors	Integrated brake pair
Shielding	Overall motor cable shield

Voltage Class	600 V class
Application	Kinetix servo motor power
Minimum Bend	Industrial flexible-cable radius

- Monitor body transfer with 20 M process control: During operation of the skid conveyors and lift stations, 2090-XXNPMF-14S20 handles its designated signal or control duty as a 20 m servo motor power cable. During model change, the system uses this function to coordinate motion requests and station interlocks, helping it keep the assembly takt moving.
- Support reel and winder operation with 20 M process control: At the control layer of the reels, slitters and winding drums, 2090-XXNPMF-14S20 supports the configured automation role as a 20 m servo motor power cable. During roll change, the system uses this function to synchronize winding torque with roll diameter, helping it build a roll with controlled tension.
- Stabilize inspection handling with 20 M process control: Across the camera stations and reject mechanisms, 2090-XXNPMF-14S20 handles its designated signal or control duty as a 20 m servo motor power cable. During inspection retry, the system uses this function to return the part to a repeatable inspection pose, helping it produce a comparable inspection result.

Match 2090-XXNPMF-14S20 to the installed Allen-Bradley Kinetix motion systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Allen-Bradley official product documentation and manufacturer catalog](#)

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