SIMATIC HMI KTPX00(F) MOBILE

Product Data Sheet

6AV2181-5AF20-0AX0

Twenty-Metre Mobile Panel Connecting Cable

CABLE LENGTH	MAXIMUM TENSILE LOAD	OPERATING AMBIENT	STORAGE / TRANSPORT AMBIENT
20 m	**300 N**	**0 to 55 degrees C**	**-20 to 60 degrees C**

Siemens 6AV2181-5AF20-0AX0 is the twenty-metre connecting cable for the specified SIMATIC HMI KTPx00(F) Mobile panel arrangement. It links the compatible mobile panel and connection hardware using the documented connection design. The complete order code identifies the 20 m cable and distinguishes it from shorter cable variants and other Mobile Panel accessories.

01 TECHNICAL DATA

Cable length	20 m
Maximum tensile load	300 N
Operating ambient	0 to 55 degrees C
Storage / transport ambient	-20 to 60 degrees C
Cable sheath color	Green
Safety-function suitability	Yes; within the applicable panel arrangement

Siemens 6AV2181-5AF20-0AX0 manufacturer technical data; applicable specification pages.

02 ADDITIONAL PRODUCT DATA

The manufacturer specifies a green cable sheath, a maximum tensile load of 300 N and an operating ambient of 0 to 55 degrees C. The storage and transport range is -20 to 60 degrees C. Safety-function suitability applies within the supported complete panel and connection arrangement; cable identity alone does not establish the performance of an entire safety-related circuit.

03 PRODUCT FUNCTION

Match the 20 m cable to the actual KTPx00(F) Mobile panel and the specified connection box. Check both mating interfaces against the panel instructions before connection. The complete Mobile Panel arrangement, rather than cable length alone, determines compatibility.

04 SYSTEM COMPATIBILITY

Route the cable with mechanical support and strain relief appropriate to the installation. Keep tensile loading within 300 N and avoid using the connection as a structural support. Maintain the published operating ambient of 0 to 55 degrees C and protect the cable from damaging handling.

05 REFERENCE

Siemens 6AV2181-5AF20-0AX0 manufacturer technical data; applicable specification pages.

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