© Siemens 2021

Connecting cables

Overview

	DP PtP	DP Standard	DP (Mobile Panel)	PN (cross cable) [1] PtP	PN (standard cable) [1]	PN (Mobile Panel)	RS 422 to RS 232 converter	RS 232 to TTY converter (20 mA)	90° angular (9-pin 1:1)
	6XV1830-0Axxx	Standard PROFIBUS (2-pin)	6XV1440-4Axxx	6XV1870-3RH20	Standard Ethernet CAT5	6XV1440-4Bxxx	6AV6671-8XE00-0AX0	6ES5734-1BD20	6AV6671-8XD00-0AX0
Key Panel KP8/KP8F, KP32F	-	-	-	P/D	P/D	-	-	-	-
PP7, PP17-I, PP17-II	P	P	-	-	-	-	-	-	-
KTP400 Basic mono PN	-	-	-	P/D/U	P/D/U	-	-	-	-
KTP600 Basic mono PN	-	-	-	P/D/U	P/D/U	-	-	-	-
KTP600 Basic color DP	P/D	P/D	-	-	-	-	-	-	P/D/U
KTP600 Basic color PN	-	-	-	P/D/U	P/D/U	-	-	-	-
KTP1000 Basic color DP	P/D	P/D	-	-	-	-	-	-	P/D/U
KTP1000 Basic color PN	-	-	-	P/D/U	P/D/U	-	-	-	-
KTP1500 Basic color PN	-	-	-	P/D/U	P/D/U	-	-	-	-
K(T)P400 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D/U
K(T)P700 - TP1500 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D/U
TP700 -TP2200 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D/U
MBP 177 DP	P/D	P/D	P/D	-	-	-	-	-	-
MBP 177 PN	-	-	-	-	-	P/D	-	-	-
MBP 277	P/D	P/D	P/D	-	-	P/D	-	-	-
TD200	-	-	-	-	-	-	-	-	-
TD400C	-	-	-	-	-	-	-	-	-
OP73micro	P	-	-	-	-	-	-	-	-
TP177micro	P	P	-	-	-	-	-	-	P/D/U
OP73	P	P	-	-	-	-	-	-	-
OP77A	P	P	-	-	-	-	-	-	P/D/U
OP77B	P/D	P/D	-	-	-	-	-	P	P/D/U
TP177A	P	P	-	-	-	-	-	-	P/D/U
TP177B DP	P/D	P/D	-	-	-	-	P	P [2]	P/D/U
TP177B PN/DP	P/D	P/D	-	P/D	P/D	-	P	P [2]	P/D/U
TP177B 4"	P/D	P/D	-	P/D/U	P/D/U	-	P	P [2]	P/D/U
OP177B DP	P/D	P/D	-	-	-	-	P	P [2]	P/D/U
OP177B PN/DP	P/D	P/D	-	P/D	P/D	-	P	P [2]	P/D/U
TP277-6	P/D	P/D	-	P/D	P/D	-	P	P [2]	P/D/U
OP277-6	P/D	P/D	-	P/D	P/D	-	P	P [2]	P/D/U
MP177-6 T	P/D	P/D	-	P/D	P/D	-	P	P [2]	P/D/U
MP277-8 T	P/D	P/D	-	P/D	P/D	-	P	P [2]	P/D/U
MP277-8 K	P/D	P/D	-	P/D	P/D	-	P	P [2]	P/D/U
MP277-10 T	P/D	P/D	-	P/D	P/D	-	P	P [2]	P/D/U
MP277-10 K	P/D	P/D	-	P/D	P/D	-	P	P [2]	P/D/U
MP377-12 T	P/D	P/D	-	P/D/U	P/D/U	-	P	P [2]	P/D
MP377-12 K	P/D	P/D	-	P/D/U	P/D/U	-	P	P [2]	P/D
MP377-15 T	P/D	P/D	-	P/D/U	P/D/U	-	P	P [2]	P/D
MP377-19 T	P/D	P/D	-	P/D/U	P/D/U	-	P	P [2]	P/D

Note:
This table is for basic orientation only. Technical characteristics are described in the communication manual or the respective user manual.

[1] PROFINET IRT (isochronous runtime); isochronous mode only possible with IRT-enabled switch

[2] WinCC flexible 2008 SP2 and higher