

Key:

P =	Process coupling
K =	Optional process coupling
D =	Download (update operating system, project, backup/restore, ...)
U =	Bootling (filling in the case of a missing or damaged operating system)

	S5-TTY (PG-S5)	S5-TTY (TD/OP-)	S7 PG702	RS232 external	TD-PPI (incl. voltage)	RS232 Zero-modem	RS232/PPI Multi-Master	USB/PPI Multi-Master	MPI (PG-S7) by 187,5 kBaud
	6ES5 734- 2xxxx	6XV1 440- 2Axxx	6ES7 705-0AA00- 7BA0	6XV1 440- 2Kxxx	6ES7 901-3EB10- 0XA0	6ES7 901-1BF00- 0XA0	6ES7 901-3CB30- 0XA0	6ES7 901-3DB30- 0XA0	6ES7 901-0BF00- 0AA0
PP7	-	-	-	-	-	-	-	-	-
PP17 I	-	-	-	-	-	-	-	-	-
PP17-II	-	-	-	-	-	-	-	-	-
KP8	-	-	-	-	-	-	-	-	-
KP8F	-	-	-	-	-	-	-	-	-
TD100C	-	-	-	-	P	-	D/U	-	-
TD200	-	-	-	-	P	-	D/U	-	P
TD200C	-	-	-	-	P	-	D/U	-	P
TD17	D	P	-	P	-	D/U	-	-	P
C7-621 (OP3) ⁴⁾	-	-	-	-	-	-	-	-	D
C7-623 (OP5) ⁴⁾	-	-	-	-	-	-	-	-	D
C7-624 (OP15) ⁴⁾	-	-	-	-	-	-	-	-	D
C7-626 (OP25) ⁴⁾	-	D/U	-	D/U	-	-	-	-	D
C7-633 (OP7) ⁴⁾	-	-	-	D/U	-	-	-	-	-
C7-634 (OP17) ⁴⁾	-	-	-	D/U	-	-	-	-	-
C7-635 (TP/OP170B) ⁴⁾	-	-	-	-	-	D/U	-	-	D
C7-636 (OP 270) ⁴⁾	-	-	-	-	-	D/U	-	-	D

	S5-TTY (PG-S5)	S5-TTY (TD/OP-	S7 PG702	RS232 external	TD-PPI (incl. voltage)	RS232 Zero-modem	RS232/PPI Multi-Master	USB/PPI Multi-Master	MPI (PG-S7) by 187,5 kBaud
	6ES5 734- 2xxxx	6XV1 440- 2Axxx	6ES7 705-0AA00- 7BA0	6XV1 440- 2Kxxx	6ES7 901-3EB10- 0XA0	6ES7 901-1BF00- 0XA0	6ES7 901-3CB30- 0XA0	6ES7 901-3DB30- 0XA0	6ES7 901-0BF00- 0AA0
KP300 Basic PN	-	-	-	-	-	-	-	-	-
KTP400 Basic mono PN	-	-	-	-	-	-	-	-	-
KTP400 Basic mono PN Portrait	-	-	-	-	-	-	-	-	-
KTP600 Basic mono PN	-	-	-	-	-	-	-	-	-
KTP600 Basic mono PN Portrait	-	-	-	-	-	-	-	-	-
KTP600 Basic color DP	-	-	-	-	-	-	D/U	D/U	P/D
KTP600 Basic color DP Portrait	-	-	-	-	-	-	D/U	D/U	P/D
KTP600 Basic color PN	-	-	-	-	-	-	-	-	-
KTP600 Basic color PN Portrait	-	-	-	-	-	-	-	-	-
KTP1000 Basic color DP	-	-	-	-	-	-	D/U	D/U	P/D
KTP1000 Basic color PN	-	-	-	-	-	-	-	-	-
TP1500 Basic color PN	-	-	-	-	-	-	-	-	-
KP400 Comfort	-	-	-	-	-	-	-	-	P/D
KTP400 Comfort	-	-	-	-	-	-	-	-	P/D
KP700 Comfort	-	-	-	-	-	-	-	-	P/D
TP700 Comfort	-	-	-	-	-	-	-	-	P/D
TP900 Comfort	-	-	-	-	-	-	-	-	P/D
KP900 Comfort	-	-	-	-	-	-	-	-	P/D
TP1200 Comfort	-	-	-	-	-	-	-	-	P/D
KP1200 Comfort	-	-	-	-	-	-	-	-	P/D
TP1500 Comfort	-	-	-	-	-	-	-	-	P/D
KP1500 Comfort	-	-	-	-	-	-	-	-	P/D
TP1900 Comfort	-	-	-	-	-	-	-	-	P/D
TP2200 Comfort	-	-	-	-	-	-	-	-	P/D

	S5-TTY (PG-S5)	S5-TTY (TD/OP-	S7 PG702	RS232 external	TD-PPI (incl. voltage)	RS232 Zero-modem	RS232/PPI Multi-Master	USB/PPI Multi-Master	MPI (PG-S7) by 187,5 kBaud
	6ES5 734- 2xxxx	6XV1 440- 2Axxx	6ES7 705-0AA00- 7BA0	6XV1 440- 2Kxxx	6ES7 901-3EB10- 0XA0	6ES7 901-1BF00- 0XA0	6ES7 901-3CB30- 0XA0	6ES7 901-3DB30- 0XA0	6ES7 901-0BF00- 0AA0
TP070	-	-	-	-	-	-	D/U	-	-
TP 170micro	-	-	-	-	-	-	D/U	-	-
TP 177micro	-	-	-	-	-	-	D/U	D/U	-
TP 170A 6"	-	-	-	-	-	D/U	-	-	P/D
TP 170B 6" mono	-	-	-	P	-	D/U	-	-	P/D
TP 170B 6" color	-	-	-	P	-	D/U	-	-	P/D
TP 177A 6"	-	-	-	P	-	-	D/U	D/U	P/D
TP 177A 6" Portrait	-	-	-	P	-	-	D/U	D/U	P/D
TP 177B 4" color PN/DP	-	-	-	P ³⁾	-		D	-	P/D
TP 177B 6" mono DP	-	-	-	P ³⁾	-	-	D/U	-	P/D
TP 177B 6" color PN/DP	-	-	-	P ³⁾	-	-	D/U	-	P/D
TP 270 6"	-	-	-	P	-	D/U	-	-	P/D
TP 270 10"	-	-	-	P	-	D/U	-	-	P/D
TP 277 6"	-	-	-	P ³⁾	-	-	D/U	-	P/D

	S5-TTY (PG-S5)	S5-TTY (TD/OP-	S7 PG702	RS232 external	TD-PPI (incl. voltage)	RS232 Zero-modem	RS232/PPI Multi-Master	USB/PPI Multi-Master	MPI (PG-S7) by 187,5 kBaud
	6ES5 734- 2xxxx	6XV1 440- 2Axxx	6ES7 705-0AA00- 7BA0	6XV1 440- 2Kxxx	6ES7 901-3EB10- 0XA0	6ES7 901-1BF00- 0XA0	6ES7 901-3CB30- 0XA0	6ES7 901-3DB30- 0XA0	6ES7 901-0BF00- 0AA0
OP 73micro	-	-	-	-	P	-	D/U	D/U	P
OP3	-	-	P/D	-	P ¹⁾	-	-	-	P ^{1)/D¹⁾}
OP 73	-	-	-	-	P	-	D/U	D/U	P/D
OP7 PP	D	P	-	P/D	-	-	-	-	-
OP7 DP	-	-	-	D	-	-	-	-	P
OP7 DP12	D	P	-	P/D	-	-	-	-	P
OP17 PP	D	P	-	P/D	-	-	-	-	-
OP17 DP	-	-	-	D	-	-	-	-	P
OP17 DP12	D	P	-	P/D	-	-	-	-	P
OP 77A	-	-	-	-	-	-	D/U	D/U	P/D
OP 77B	-	-	-	P	-	D/U	-	-	P/D
OP 170B 6" mono DP	-	-	-	-	-	D/U	-	-	P/D
OP 177B 6" mono DP	-	-	-	P ³⁾	-	-	D/U	-	P/D
OP 177B 6" color PN/DP	-	-	-	P ³⁾	-	-	D/U	-	P/D
OP 270 6"	-	-	-	P	-	D/U	-	-	P/D
OP 270 10"	-	-	-	P	-	D/U	-	-	P/D
OP 277 6"	-	-	-	P ³⁾	-	-	D/U	-	P/D

	S5-TTY (PG-S5)	S5-TTY (TD/OP-	S7 PG702	RS232 external	TD-PPI (incl. voltage)	RS232 Zero-modem	RS232/PPI Multi-Master	USB/PPI Multi-Master	MPI (PG-S7) by 187,5 kBaud
	6ES5 734- 2xxxx	6XV1 440- 2Axxx	6ES7 705-0AA00- 7BA0	6XV1 440- 2Kxxx	6ES7 901-3EB10- 0XA0	6ES7 901-1BF00- 0XA0	6ES7 901-3CB30- 0XA0	6ES7 901-3DB30- 0XA0	6ES7 901-0BF00- 0AA0
MP 177 6" Touch	-	-	-	P ³⁾	-	-	D/U	-	P/D
MP 270	-	P	-	P	-	D/U	-	-	P/D
MP 270B 6" Touch	-	-	-	P	-	D/U	-	-	P/D
MP 270B 10" Touch	-	-	-	P	-	D/U	-	-	P/D
MP 270B 10" Key	-	-	-	P	-	D/U	-	-	P/D
MP 277 8" Touch	-	-	-	P ³⁾	-	-	D/U	-	P/D
MP 277 8" Key	-	-	-	P ³⁾	-	-	D/U	-	P/D
MP 277 10" Touch	-	-	-	P ³⁾	-	-	D/U	-	P/D
MP 277 10" Key	-	-	-	P ³⁾	-	-	D/U	-	P/D
MP 370 12" Touch	-	P	-	P	-	D/U	-	-	P/D
MP 370 12" Key	-	P	-	P	-	D/U	-	-	P/D
MP 370 15" Touch	-	P	-	P	-	D/U	-	-	P/D
MP 377 12" Touch	-	-	-	P ³⁾	-	-	D	-	P/D
MP 377 12" Key	-	-	-	P ³⁾	-	-	D	-	P/D
MP 377 15" Touch	-	-	-	P ³⁾	-	-	D	-	P/D
MP 377 19" Touch	-	-	-	P ³⁾	-	-	D	-	P/D
Mobile Panel 170	-	-	-	-	-	D/U	-	-	-
Mobile Panel 177 DP	-	-	-	-	-	-	D/U	-	-
Mobile Panel 177 PN	-	-	-	-	-	-	D/U	-	-
Mobile Panel 277	-	-	-	-	-	-	D/U	-	-
Mobile Panel 277 (F) IWLAN (betrifft Ethernet Schnittstelle)	-	-	-	-	-	-	-	-	-

1) With gender changer

2) By using PN-IRT (with cycle synchronicity) IRT- ability switches are required

3) Only in conjunction with the RS422/232 converter

4) Internal data link to the PLC

Key:

P =	Process coupling
K =	Optional process coupling
D =	Download (update operating system, project, backup/restore, ...)
U =	Bootting (filling in the case of a missing or damaged operating system)

	DP PtP	DP Standard	DP (Mobile Panel)	PN (cross cable) Point to point	PN Ethernet ²⁾	PN (Mobile Panel cable)	Conv. RS422-RS232	Conv. RS232-TTY (20mA)	90° Winkel (9 pol. 1:1)
	6XV1 830-0Axxx	Standard Profibus (2 Pol.)	6XV1 440-4Axxx	6XV1 870-3RH20	Standard Ethernet CAT5	6XV1 440-4Bxxx	6AV6 671-8XE00-0AX0	6ES5 734-1BD20	6AV6 671-8XD00-0AX0
PP7	P	P	-	-	-	-	-	-	-
PP17 I	P	P	-	-	-	-	-	-	-
PP17-II	P	P	-	-	-	-	-	-	-
KP8	-	-	-	P	P	-	-	-	-
KP8F	-	-	-	P	P	-	-	-	-
TD100C	-	-	-	-	-	-	-	-	-
TD200	-	-	-	-	-	-	-	-	-
TD200C	-	-	-	-	-	-	-	-	-
TD17	P	P	-	-	-	-	-	-	P/D/U
C7-621 (OP3) ⁴⁾	-	D	-	-	-	-	-	-	-
C7-623 (OP5) ⁴⁾	-	D	-	-	-	-	-	-	-
C7-624 (OP15) ⁴⁾	-	D	-	-	-	-	-	-	-
C7-626 (OP25) ⁴⁾	-	D	-	-	-	-	-	-	-
C7-633 (OP7) ⁴⁾	-	-	-	-	-	-	-	-	-
C7-634 (OP17) ⁴⁾	-	-	-	-	-	-	-	-	-
C7-635 (TP/OP170B) ⁴⁾	-	D	-	-	-	-	-	-	-
C7-636 (OP 270) ⁴⁾	-	D	-	-	K/D	-	-	-	-

	DP PtP	DP Standard	DP (Mobile Panel)	PN (cross cable) Point to point	PN Ethernet ²⁾	PN (Mobile Panel cable)	Conv. RS422-RS232	Conv. RS232-TTY (20mA)	90° Winkel (9 pol. 1:1)
	6XV1 830-0Axxx	Standard Profibus (2 Pol.)	6XV1 440-4Axxx	6XV1 870-3RH20	Standard Ethernet CAT5	6XV1 440-4Bxxx	6AV6 671-8XE00-0AX0	6ES5 734-1BD20	6AV6 671-8XD00-0AX0
KP300 Basic PN	-	-	-	P/D/U	P/D/U	-	-	-	-
KTP400 Basic mono PN	-	-	-	P/D/U	P/D/U	-	-	-	-
KTP400 Basic mono PN Portrait	-	-	-	P/D/U	P/D/U	-	-	-	-
KTP600 Basic mono PN	-	-	-	P/D/U	P/D/U	-	-	-	-
KTP600 Basic mono PN Portrait	-	-	-	P/D/U	P/D/U	-	-	-	-
KTP600 Basic color DP	P/D	P/D	-	-	-	-	-	-	P/D/U
KTP600 Basic color DP Portrait	P/D	P/D	-	-	-	-	-	-	P/D/U
KTP600 Basic color PN	-	-	-	P/D/U	P/D/U	-	-	-	-
KTP600 Basic color PN Portrait	-	-	-	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	-	-	-	-
TP1500 Basic color PN	-	-	-	P/D/U	P/D/U	-	-	-	-
KP400 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D
KTP400 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D
KP700 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D
TP700 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D
TP900 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D
KP900 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D
TP1200 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D
KP1200 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D
TP1500 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D
KP1500 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D
TP1900 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D
TP2200 Comfort	P/D	P/D	-	P/D/U	P/D/U	-	-	-	P/D

	DP PtP	DP Standard	DP (Mobile Panel)	PN (cross cable) Point to point	PN Ethernet ²⁾	PN (Mobile Panel cable)	Conv. RS422-RS232	Conv. RS232-TTY (20mA)	90° Winkel (9 pol. 1:1)
	6XV1 830-0Axxx	Standard Profibus (2 Pol.)	6XV1 440-4Axxx	6XV1 870-3RH20	Standard Ethernet CAT5	6XV1 440-4Bxxx	6AV6 671-8XE00-0AX0	6ES5 734-1BD20	6AV6 671-8XD00-0AX0
TP070	P	P	-	-	-	-	-	-	P/D/U
TP 170micro	P	P	-	-	-	-	-	-	P/D/U
TP 177micro	P	P	-	-	-	-	-	-	P/D/U
TP 170A 6"	P	P	-	-	-	-	-	P	P/D/U
TP 170B 6" mono	P/D	P/D	-	-	-	-	-	P	P/D/U
TP 170B 6" color	P/D	P/D	-	-	-	-	-	P	P/D/U
TP 177A 6"	P	P	-	-	-	-	-	-	P/D/U
TP 177A 6" Portrait	P	P	-	-	-	-	-	-	P/D/U
TP 177B 4" color PN/DP	P/D	P/D	-	P/D/U	P/D/U	-	P	-	P/D/U
TP 177B 6" mono DP	P/D	P/D	-	-	-	-	P	-	P/D/U
TP 177B 6" color PN/DP	P/D	P/D	-	P/D	P/D	-	P	-	P/D/U
TP 270 6"	P/D	P/D	-	K ⁵⁾ /D ⁵⁾	K ⁵⁾ /D ⁵⁾	-	-	P	P/D/U
TP 270 10"	P/D	P/D	-	K ⁵⁾ /D ⁵⁾	K ⁵⁾ /D ⁵⁾	-	-	P	P/D/U
TP 277 6"	P/D	P/D	-	P/D	P/D	-	P	-	P/D/U

	DP PtP	DP Standard	DP (Mobile Panel)	PN (cross cable) Point to point	PN Ethernet ²⁾	PN (Mobile Panel cable)	Conv. RS422-RS232	Conv. RS232-TTY (20mA)	90° Winkel (9 pol. 1:1)
	6XV1 830-0Axxx	Standard Profibus (2 Pol.)	6XV1 440-4Axxx	6XV1 870-3RH20	Standard Ethernet CAT5	6XV1 440-4Bxxx	6AV6 671-8XE00-0AX0	6ES5 734-1BD20	6AV6 671-8XD00-0AX0
OP 73micro	P	-	-	-	-	-	-	-	-
OP3	P	-	-	-	-	-	-	-	-
OP 73	P	P	-	-	-	-	-	-	-
OP7 PP	-	-	-	-	-	-	-	-	P/D/U
OP7 DP	P	P	-	-	-	-	-	-	P/D/U
OP7 DP12	P	P	-	-	-	-	-	-	P/D/U
OP17 PP	-	-	-	-	-	-	-	-	P/D/U
OP17 DP	P	P	-	-	-	-	-	-	P/D/U
OP17 DP12	P	P	-	-	-	-	-	-	P/D/U
OP 77A	P	P	-	-	-	-	-	-	P/D/U
OP 77B	P/D	P/D	-	-	-	-	-	P	P/D/U
OP 170B 6" mono DP	P/D	P/D	-	-	-	-	-	P	P/D/U
OP 177B 6" mono DP	P/D	P/D	-	-	-	-	P	-	P/D/U
OP 177B 6" color PN/DP	P/D	P/D	-	P/D	P/D	-	P	-	P/D/U
OP 270 6"	P/D	P/D	-	K ⁵⁾ /D ⁵⁾	K ⁵⁾ /D ⁵⁾	-	-	P	P/D/U
OP 270 10"	P/D	P/D	-	K ⁵⁾ /D ⁵⁾	K ⁵⁾ /D ⁵⁾	-	-	P	P/D/U
OP 277 6"	P/D	P/D	-	P/D	P/D	-	P	-	P/D/U

	DP PtP	DP Standard	DP (Mobile Panel)	PN (cross cable) Point to point	PN Ethernet ²⁾	PN (Mobile Panel cable)	Conv. RS422-RS232	Conv. RS232-TTY (20mA)	90° Winkel (9 pol. 1:1)
	6XV1 830-0Axxx	Standard Profibus (2 Pol.)	6XV1 440-4Axxx	6XV1 870-3RH20	Standard Ethernet CAT5	6XV1 440-4Bxxx	6AV6 671-8XE00-0AX0	6ES5 734-1BD20	6AV6 671-8XD00-0AX0
MP 177 6" Touch	P/D	P/D	-	P/D	P/D	-	P	-	P/D/U
MP 270	-	P/D	-	-	-	-	-	-	-
MP 270B 6" Touch	P/D	P/D	-	P/D	P/D	-	-	P	P/D/U
MP 270B 10" Touch	P/D	P/D	-	P/D	P/D	-	-	P	P/D/U
MP 270B 10" Key	P/D	P/D	-	P/D	P/D	-	-	P	P/D/U
MP 277 8" Touch	P/D	P/D	-	P/D	P/D	-	P	-	P/D/U
MP 277 8" Key	P/D	P/D	-	P/D	P/D	-	P	-	P/D/U
MP 277 10" Touch	P/D	P/D	-	P/D	P/D	-	P	-	P/D/U
MP 277 10" Key	P/D	P/D	-	P/D	P/D	-	P	-	P/D/U
MP 370 12" Touch	P/D	P/D	-	P/D	P/D	-	-	P	P/D/U
MP 370 12" Key	P/D	P/D	-	P/D	P/D	-	-	P	P/D/U
MP 370 15" Touch	P/D	P/D	-	P/D	P/D	-	-	P	P/D/U
MP 377 12" Touch	P/D	P/D	-	P/D/U	P/D/U	-	P	-	P/ D
MP 377 12" Key	P/D	P/D	-	P/D/U	P/D/U	-	P	-	P/D
MP 377 15" Touch	P/D	P/D	-	P/D/U	P/D/U	-	P	-	P/ D
MP 377 19" Touch	P/D	P/D	-	P/D/U	P/D/U	-	P	-	P/ D
Mobile Panel 170	P/D	P/D	P/D	-	-	-	-	P	-
Mobile Panel 177 DP	P/D	P/D	P/D	-	-	-	-	-	-
Mobile Panel 177 PN	-	-	-	-	-	P/D	-	-	-
Mobile Panel 277	P/D	P/D	P/D	-	-	P/D	-	-	-
Mobile Panel 277 (F) IWLAN (betrifft Ethernet Schnittstelle)	-	-	-	D/U ⁶⁾	D/U ⁶⁾	-	-	-	-

1) With gender changer

2) By using PN-IRT (with cycle synchronicity) IRT- ability switches are required

3) Only in conjunction with the RS422/232 converter

4) Internal data link to the PLC

5) NE2000 compatible CF Ethernet adapter is required

6) OS-Update via internal Ethernet port of Mobile Panel 277 (F) IWLAN only. Don't via IWLAN!