



OPTIONAL OUTPUT CONNECTORS FOR PUP55 & PMP55 SERIES

PROTEK

Unit: mm

SUFFIX	PROFILE & DIMENSIONS	PINOUTS	DESCRIPTION	SUGGESTED MATING CONNECTOR
NIL		<p>SINGLE OUTPUT: (1) -V (2) -V (3) +V (4) -V (5) +V</p> <p>DUAL OUTPUTS: (1) COM (2) COM (3) V1 (4) COM (5) V2</p> <p>TRIPLE OUTPUTS: (1) COM (2) COM (3) V1 (4) V3 (5) V2</p>	5 PIN AT 180°DIN MALE CONNECTOR	5 PIN CONTACTS AT 180°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 57GB5F OR EQUIVALENT
B1		CENTER: +V SLEEVE: -V	BARREL FEMALE CONNECTOR	SWITCHCRAFT, TYPE: RA722 OR EQUIVALENT
B2		CENTER: +V SLEEVE: -V	BARREL FEMALE CONNECTOR	SWITCHCRAFT, TYPE: RA712 OR EQUIVALENT
B3		CENTER: -V SLEEVE: +V	BARREL FEMALE CONNECTOR	SWITCHCRAFT, TYPE: RA722 OR EQUIVALENT
B4		CENTER: -V SLEEVE: +V	BARREL FEMALE CONNECTOR	SWITCHCRAFT, TYPE: RA712 OR EQUIVALENT
B5		CENTER: +V SLEEVE: -V	BARREL RIGHT ANGLE FEMALE CONNECTOR	SWITCHCRAFT, TYPE: RA722 OR EQUIVALENT
B6		CENTER: -V SLEEVE: +V	BARREL RIGHT ANGLE FEMALE CONNECTOR	SWITCHCRAFT, TYPE: RA712 OR EQUIVALENT
B7		CENTER: +V SLEEVE: -V	BARREL FEMALE CONNECTOR	



OPTIONAL OUTPUT CONNECTORS FOR PUP55 & PMP55 SERIES

PROTEK

Unit: mm

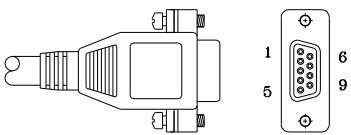
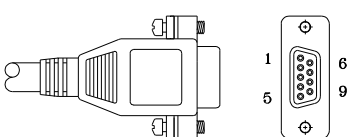
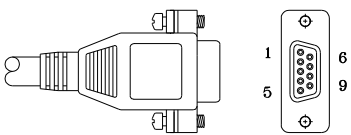
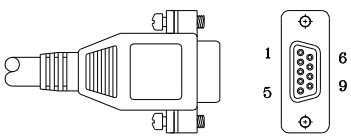
SUFFIX	PROFILE & DIMENSIONS	PINOUTS	DESCRIPTION	SUGGESTED MATING CONNECTOR
B8		CENTER: +V SLEEVE: -V	BARREL RIGHT ANGLE FEMALE CONNECTOR	SWITCHCRAFT, TYPE: RA722 OR EQUIVALENT
B9		CENTER: +V SLEEVE: -V	BARREL RIGHT ANGLE FEMALE CONNECTOR	SWITCHCRAFT, TYPE: RA712 OR EQUIVALENT
B10		CENTER: -V SLEEVE: +V	BARREL RIGHT ANGLE FEMALE CONNECTOR	SWITCHCRAFT, TYPE: RA722 OR EQUIVALENT
B11		CENTER: +V SLEEVE: -V	BARREL FEMALE CONNECTOR	Lumberg NEB 1 or NEB 1R or EQUIVALENT
B12		CENTER: +V SLEEVE: -V	BARREL FEMALE CONNECTOR	
B13		CENTER: +V SLEEVE: -V	EIAJ-05 PLUG	Lumberg 1613 11 or 1614 05 or EQUIVALENT
B14		CENTER: +V SLEEVE: -V	EIAJ-05 PLUG	Lumberg 1613 11 or 1614 05 or EQUIVALENT
B15		CENTER: +V SLEEVE: -V	EIAJ-04 PLUG	
B16		CENTER: +V SLEEVE: -V	BARREL FEMALE CONNECTOR	



OPTIONAL OUTPUT CONNECTORS FOR PUP55 & PMP55 SERIES

PROTEK

Unit: mm

SUFFIX	PROFILE & DIMENSIONS	PINOUTS	DESCRIPTION	SUGGESTED MATING CONNECTOR
D		<p>SINGLE OUTPUT:</p> <p>(1) +V (2) +V (3) N.C. (4) -V (5) -V (6) N.C. (7) N.C. (8) N.C. (9) -V</p> <p>DUAL OUTPUTS:</p> <p>(1) V1 (2) V1 (3) GND (4) COM (5) COM (6) V2 (7) COM (8) V2 (9) COM</p> <p>TRIPLE OUTPUTS:</p> <p>(1) V1 (2) V1 (3) GND (4) COM (5) COM (6) V2 (7) COM (8) V3 (9) COM</p> <p>OR</p> <p>(1) V1 (2) V1 (3) COM (4) COM (5) COM (6) V2 (7) COM (8) V3 (9) COM</p>	D-SUBMINIATURE 9 PIN RECEPTACLE	D-SUBMINIATURE 9 PIN PLUG. AMP, TYPE: 205865 OR EQUIVALENT
D2		<p>(1) COM (2) COM (3) COM (4) COM (5) COM (6) V1 (7) V1 (8) V2 (9) V2</p>	D-SUBMINIATURE 9 PIN RECEPTACLE	D-SUBMINIATURE 9 PIN PLUG. AMP, TYPE: 205865 OR EQUIVALENT
D5		<p>(1) V2 (2) V2 (3) V1 (4) V1 (5) GND (6) COM (7) COM (8) COM (9) GND</p>	D-SUBMINIATURE 9 PIN RECEPTACLE	D-SUBMINIATURE 9 PIN PLUG. AMP, TYPE: 205865 OR EQUIVALENT
D7		<p>(1) -V (2) +V (3) N.C. (4) N.C. (5) +V (6) N.C. (7) N.C. (8) N.C. (9) -V</p>	D-SUBMINIATURE 9 PIN RECEPTACLE	D-SUBMINIATURE 9 PIN PLUG. AMP, TYPE: 205865 OR EQUIVALENT



OPTIONAL OUTPUT CONNECTORS FOR PUP55 & PMP55 SERIES

PROTEK

Unit: mm

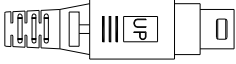



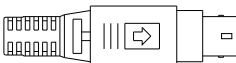

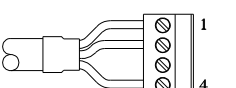
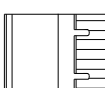
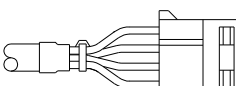





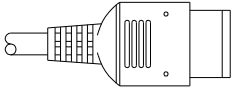

SUFFIX	PROFILE & DIMENSIONS	PINOUTS	DESCRIPTION	SUGGESTED MATING CONNECTOR
D9		(1) GND (2) -V (3) -V (4) PIN8 (5) +V (6) N.C. (7) -V (8) PIN4 (9) N.C.	D-SUBMINIATURE 9 PIN RECEPTACLE	D-SUBMINIATURE 9 PIN PLUG. AMP, TYPE: 205865 OR EQUIVALENT
DT		(1) V1 (2) V1 (3) COM (4) COM (5) COM (6) V2 (7) COM (8) V3 (9) COM	D-SUBMINIATURE 9 PIN RECEPTACLE	D-SUBMINIATURE 9 PIN PLUG. AMP, TYPE: 205865 OR EQUIVALENT
F		SINGLE OUTPUT: (1) +V (2) -V (3) N.C. DUAL OUTPUTS: (1) V1 (2) COM (3) V2	AUDIO FEMALE CORD PLUG	SWITCHCRAFT, TYPE: A3M OR EQUIVALENT
F2		(1) -V (2) N.C. (3) +V	AUDIO MALE CORD PLUG	SWITCHCRAFT, TYPE: A3F OR EQUIVALENT
F4		(1) GND (2) +V (3) -V	AUDIO MALE CORD PLUG	SWITCHCRAFT, TYPE: A3F OR EQUIVALENT
F5		(1) -V (2) +V (3) N.C.	AUDIO MALE CORD PLUG	SWITCHCRAFT, TYPE: A3F OR EQUIVALENT
HA		(1) +V (2) -V (3) N.C.	PLUG (3P) CIRCULAR CONNECTOR	HOSIDEN SOCKET, TYPE: TCS7960 OR EQUIVALENT
HB		SINGLE OUTPUT: (1) -V (2) +V (3) -V (4) +V OR (1) +V (2) +V (3) -V (4) -V DUAL OUTPUTS: (1) V2 (2) COM (3) V1 (4) COM	PLUG (4P) CIRCULAR CONNECTOR	HOSIDEN SOCKET, TYPE: TCS7979 OR EQUIVALENT



OPTIONAL OUTPUT CONNECTORS FOR PUP55 & PMP55 SERIES

PROTEK

Unit: mm

SUFFIX	PROFILE & DIMENSIONS	PINOUTS	DESCRIPTION	SUGGESTED MATING CONNECTOR
HC	 	(1) +V (2) -V (3) -V OR (1) +V (2) -V (3) N.C.	PLUG (3P) CIRCULAR CONNECTOR	HOSIDEN SOCKET, TYPE: TCS7960 OR EQUIVALENT
HD	 	(1) -V (2) +V (3) -V (4) +V	PLUG (4P) CIRCULAR CONNECTOR	HOSIDEN SOCKET, TYPE: TCS7979 OR EQUIVALENT
HF	 	(1) COM (2) COM (3) V2 (4) V1	PLUG (4P) CIRCULAR CONNECTOR	HOSIDEN SOCKET, TYPE: TCS7979 OR EQUIVALENT
J3	 	(1) GND (2) +V (3) N.C. (4) -V	PHOENIX CONTACT TYPE MVSTBW 2,5/4-ST-5, 08	PHOENIX HEADERS TYPE: MSTBVK...G, UMSTBVK...G, UK3-MVSTB, UK30-MSTBV, UKK3-MSTBVH
J4	 	(1) GND (2) +V (3) N.C. (4) -V	AMP PLUG PART NO. 1-480424-0 SOCKET 60617-4	AMP CAP PART NO. 1-480426-0, PIN:60618-4
J5	 	(1) +V (2) -V (3) GND	3P-OVERMOULDED 3.96mm PITCH HOUSING	MOLEX HEADER 09-65-2038 OR EQUIVALENT
J8	 	(1) -V (2) +V (3) N.C.	MOLEX MINI-FIT 3 PIN RECEPTACLE	MOLEX 5556 HEADER 39-30-2031 OR EQUIVALENT
J12	 	(1) GND (2) COM (3) V1 (4) V3 (5) N.C. (6) V2	6P-OVERMOULDED 3.96mm PITCH HOUSING	MOLEX HEADER 09-65-2068 OR EQUIVALENT



OPTIONAL OUTPUT CONNECTORS FOR PUP55 & PMP55 SERIES

PROTEK

Unit: mm

SUFFIX	PROFILE & DIMENSIONS	PINOUTS	DESCRIPTION	SUGGESTED MATING CONNECTOR
K1		SINGLE OUTPUT: (1) -V (2) -V (3) +V (4) -V (5) +V DUAL OUTPUTS: (1) COM (2) COM (3) V1 (4) COM (5) V2 TRIPLE OUTPUTS: (1) COM (2) COM (3) V1 (4) V3 (5) V2	5 PIN AT 180°DIN MALE WITH 30°LOCK RING CONNECTOR	SWITCHCRAFT, TYPE: 57HB5F OR EQUIVALENT
K2		SINGLE OUTPUT: (1) +V (2) -V (3) -V (4) +V (5) -V TRIPLE OUTPUTS: (1) V1 (2) V2 (3) COM (4) V3 (5) COM	5 PIN AT 240°DIN MALE WITH 30°LOCK RING CONNECTOR	SWITCHCRAFT, TYPE: 61HA5F OR EQUIVALENT
K3		(1) +V (2) -V	HIROSE FEMALE PLUG TYPE: RM15QPS-2SA	HIROSE MALE RECEPTACLE, TYPE: RM15QRD-2P OR EQUIVALENT
K4		(1) -V (2) -V (3) +V (4) -V (5) +V	5 PIN AT 180°DIN MALE WITH 30°LOCK RING CONNECTOR	SWITCHCRAFT, TYPE: 57HB5F OR EQUIVALENT
K7		(1) COM (2) COM (3) V1 (4) V2 (5) V3	5 PIN AT 180°DIN MALE WITH 30°LOCK RING CONNECTOR	SWITCHCRAFT, TYPE: 57HB5F OR EQUIVALENT
K9		(1) COM (2) COM (3) V1 (4) V3 (5) V2	5 PIN AT 180°DIN MALE WITH 30°LOCK RING CONNECTOR	SWITCHCRAFT, TYPE: 57HB5F OR EQUIVALENT
K11		(1) N.C. (2) V3 (3) COM (4) V2 (5) V1	5 PIN AT 240°DIN MALE WITH 30°LOCK RING CONNECTOR	SWITCHCRAFT, TYPE: 61HA5F OR EQUIVALENT



OPTIONAL OUTPUT CONNECTORS FOR PUP55 & PMP55 SERIES

PROTEK

Unit: mm

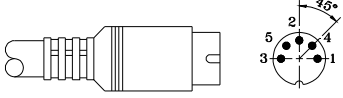
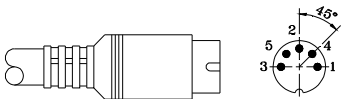
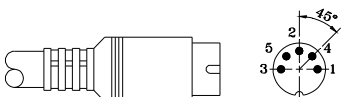
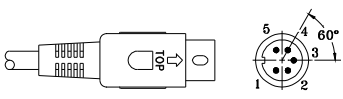
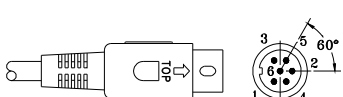
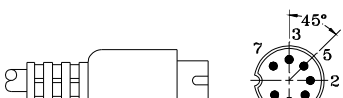
SUFFIX	PROFILE & DIMENSIONS	PINOUTS	DESCRIPTION	SUGGESTED MATING CONNECTOR
K14		(1) -V (2) -V (3) +V (4) -V (5) +V	5 PIN AT 180° CIRCULAR CONNECTOR WITH THREADED JOINT	LUMBERG P/N: KFV50 OR EQUIVALENT
M1		(1) V1 (2) COM (3) V1 (4) +S (5) COM (5) V2 (7) -S (5) COM NOTE: S = SENSER	8 PIN MINIATURE CIRCULAR CONNECTOR (QUICK LOCK TYPE)	HOSIDEN P/N: TCS6180-01-1010 OR EQUIVALENT
M3		(1) +V (2) +V (3) +V (4) -V (5) -V (6) -V	6 PIN MINIATURE CIRCULAR CONNECTOR (MINI DIN)	HOSIDEN, TYPE: TCS7567, TCS7568, TCS7569, OR EQUIVALENT
M5		(1) COM (2) COM (3) V1 (4) V1 (5) V2	5 PIN MINIATURE CIRCULAR CONNECTOR (MINI DIN)	HOSIDEN, TYPE: TCS7557, TCS7558, TCS7559, OR EQUIVALENT
M6		(1) -V (2) +V (3) -V (4) +V (5) -V (6) +V	6 PIN MINIATURE CIRCULAR CONNECTOR (MINI DIN)	HOSIDEN, TYPE: TCS7567, TCS7568, TCS7569, OR EQUIVALENT
M8		(1) +V (2) +V (3) -V (4) -V (5) -V (6) -V	8 PIN MINIATURE CIRCULAR CONNECTOR (MINI DIN)	HOSIDEN, TYPE: TCS7587, TCS7588, TCS7589, OR EQUIVALENT
M9		(1) COM (2) COM (3) V1 (4) V1 (5) V2 (6) V3	6 PIN MINIATURE CIRCULAR CONNECTOR (MINI DIN)	HOSIDEN, TYPE: TCS7567, TCS7568, TCS7569, OR EQUIVALENT
M10		(1) -V (2) -V (3) -V (4) -V (5) +V (6) +V (7) +V (8) +V	8 PIN MINIATURE CIRCULAR CONNECTOR (MINI DIN)	HOSIDEN, TYPE: TCS7587, TCS7588, TCS7589, OR EQUIVALENT
M14		(1) COM (2) V1 (3) COM (4) N.C. (5) V1 (6) COM (7) V2 (8) V2	8 PIN MINIATURE CIRCULAR CONNECTOR (MINI DIN)	HOSIDEN, TYPE: TCS7587, TCS7588, TCS7589, OR EQUIVALENT



OPTIONAL OUTPUT CONNECTORS FOR PUP55 & PMP55 SERIES

PROTEK

Unit: mm

SUFFIX	PROFILE & DIMENSIONS	PINOUTS	DESCRIPTION	SUGGESTED MATING CONNECTOR
Q1		(1) -V (2) N.C. (3) +V (4) N.C. (5) N.C.	5 PIN AT 180°DIN MALE CONNECTOR	5 PIN CONTACTS AT 180°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 57GB5F OR EQUIVALENT
Q2		(1) N.C. (2) +V (3) N.C. (4) N.C. (5) -V	5 PIN AT 180°DIN MALE CONNECTOR	5 PIN CONTACTS AT 180°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 57GB5F OR EQUIVALENT
Q4		(1) V2 (2) COM (3) V1 (4) COM (5) COM	5 PIN AT 180°DIN MALE CONNECTOR	5 PIN CONTACTS AT 180°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 57GB5F OR EQUIVALENT
Q5		SINGLE OUTPUT: (1) -V (2) -V (3) GND (4) +V (5) +V OR (1) -V (2) -V (3) -V (4) +V (5) +V TRIPLE OUTPUTS: (1) COM (2) V3 (3) V1 (4) COM (5) V2	5 PIN AT 240°DIN MALE CONNECTOR	5 PIN CONTACTS AT 240°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 61GB5F OR EQUIVALENT
Q6		SINGLE OUTPUT: (1) -V (2) -V (3) N.C. (4) +V (5) N.C. (6) +V DUAL OUTPUTS: (1) COM (2) V1 (3) V1 (4) COM (5) V2 (6) N.C. TRIPLE OUTPUTS: (1) COM (2) V3 (3) V1 (4) COM (5) V2 (6) N.C.	6 PIN AT 240°DIN MALE CONNECTOR	6 PIN CONTACTS AT 240°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 61GB6F OR EQUIVALENT
Q7		(1) +V (2) N.C. (3) -V (4) +V (5) N.C. (6) N.C. (7) -V	7 PIN AT 270°DIN MALE CONNECTOR	7 PIN CONTACTS AT 270°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 62GB7F OR EQUIVALENT



OPTIONAL OUTPUT CONNECTORS FOR PUP55 & PMP55 SERIES

PROTEK

Unit: mm

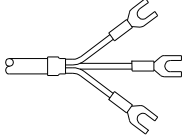
SUFFIX	PROFILE & DIMENSIONS	PINOUTS	DESCRIPTION	SUGGESTED MATING CONNECTOR
Q8		(1) +V (2) +V (3) -V (4) +V (5) -V (6) +V (7) -V (8) -V OR (1) -V (2) GND (3) +V (4) -V (5) +V (6) N.C. (7) N.C. (8) GND	8 PIN AT 270°DIN MALE CONNECTOR	8 PIN CONTACTS AT 270°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 62GB8F OR EQUIVALENT
Q9		(1) V1 (2) GND (3) COM (4) V1 (5) COM (6) V2 (7) V3 (8) GND	8 PIN AT 270°DIN MALE CONNECTOR	8 PIN CONTACTS AT 270°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 62GB8F OR EQUIVALENT
Q11		(1) COM (2) V3 (3) V1 (4) COM (5) V2 (6) COM (7) V1	8 PIN AT 270°DIN MALE CONNECTOR	8 PIN CONTACTS AT 270°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 62GB8F OR EQUIVALENT
Q12		(1) V1 (2) COM (3) V1 (4) COM (5) V2	5 PIN AT 180°DIN MALE CONNECTOR (8) N.C.	5 PIN CONTACTS AT 180°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 57GB5F OR EQUIVALENT
Q13		(1) +V (2) +V (3) (4) -V (5) -V (6) N.C.	6 PIN AT 240°DIN MALE CONNECTOR	6 PIN CONTACTS AT 240°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 61GB6F OR EQUIVALENT
Q16		(1) COM (2) V2 (3) V1 (4) COM (5) V2 (6) COM (7) V1 (8) COM	8 PIN AT 270°DIN MALE CONNECTOR	8 PIN CONTACTS AT 270°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 62GB8F OR EQUIVALENT
Q17		(1) COM (2) V3 (3) V1 (4) N.C. (5) V2 (6) V2 (7) COM (8) N.C.	8 PIN AT 270°DIN MALE CONNECTOR	8 PIN CONTACTS AT 270°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 62GB8F OR EQUIVALENT
Q18		(1) -V (2) GND (3) N.C. (4) -V (5) +V (6) -V (7) +V (8) GND	8 PIN AT 270°DIN MALE CONNECTOR	8 PIN CONTACTS AT 270°DIN RECEPTACLE, SWITCHCRAFT, TYPE: 62GB8F OR EQUIVALENT



OPTIONAL OUTPUT CONNECTORS FOR PUP55 & PMP55 SERIES

PROTEK

Unit: mm

SUFFIX	PROFILE & DIMENSIONS	PINOUPS	DESCRIPTION	SUGGESTED MATING CONNECTOR
Y1		RED: +V WHITE: -V GREEN: GND	SPADE TONGUE (Y-TYPE) TERMINAL	#8-32 OR M4 SCREW