

INTERCONNECTION TERMINAL BOARD
(Optional)

8x2x22 AWG SHIELDED CABLE (BELDEN 8308) L=5m
5...12mm Ext. ø Cable-Ref. Cable tightener "4"

IN CASE OF B2 CONNECTION USE
(WITH ALTERNATIVE2): MAKE ALL THE THREE DASHED WIRINGS
(WITH ALTERNATIVE1): MAKE ONLY THE DASHED WIRING (9-18)

CABLE IDENTIFICATION EXAMPLE

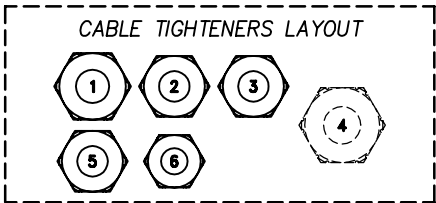
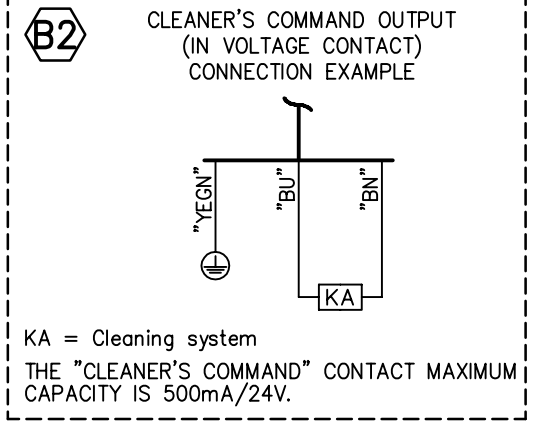
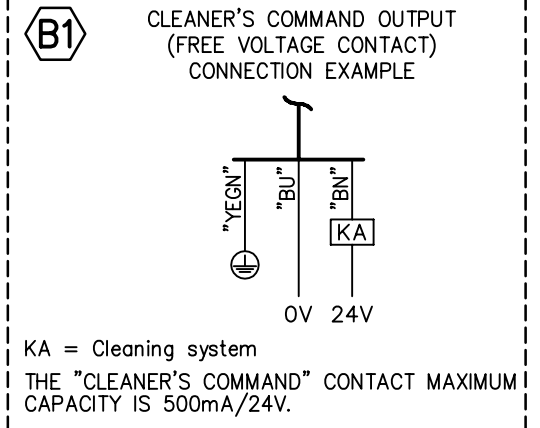
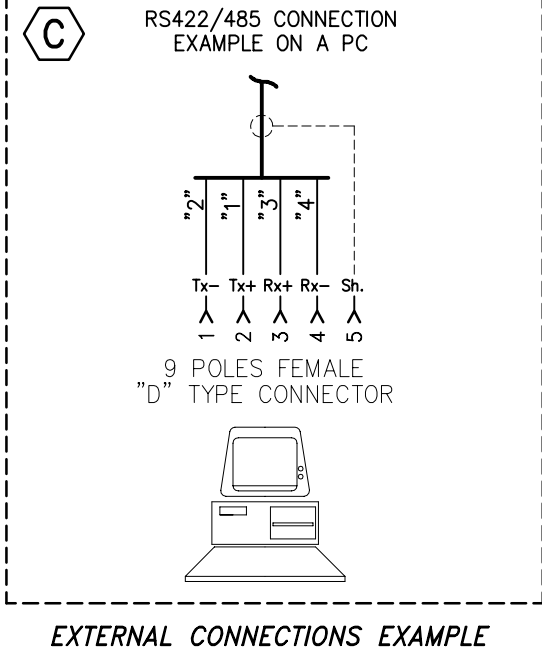
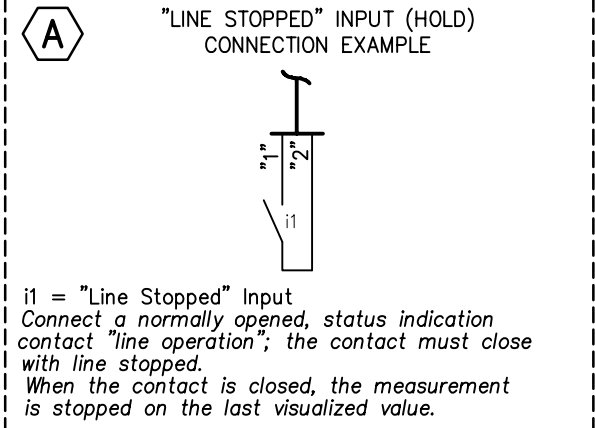
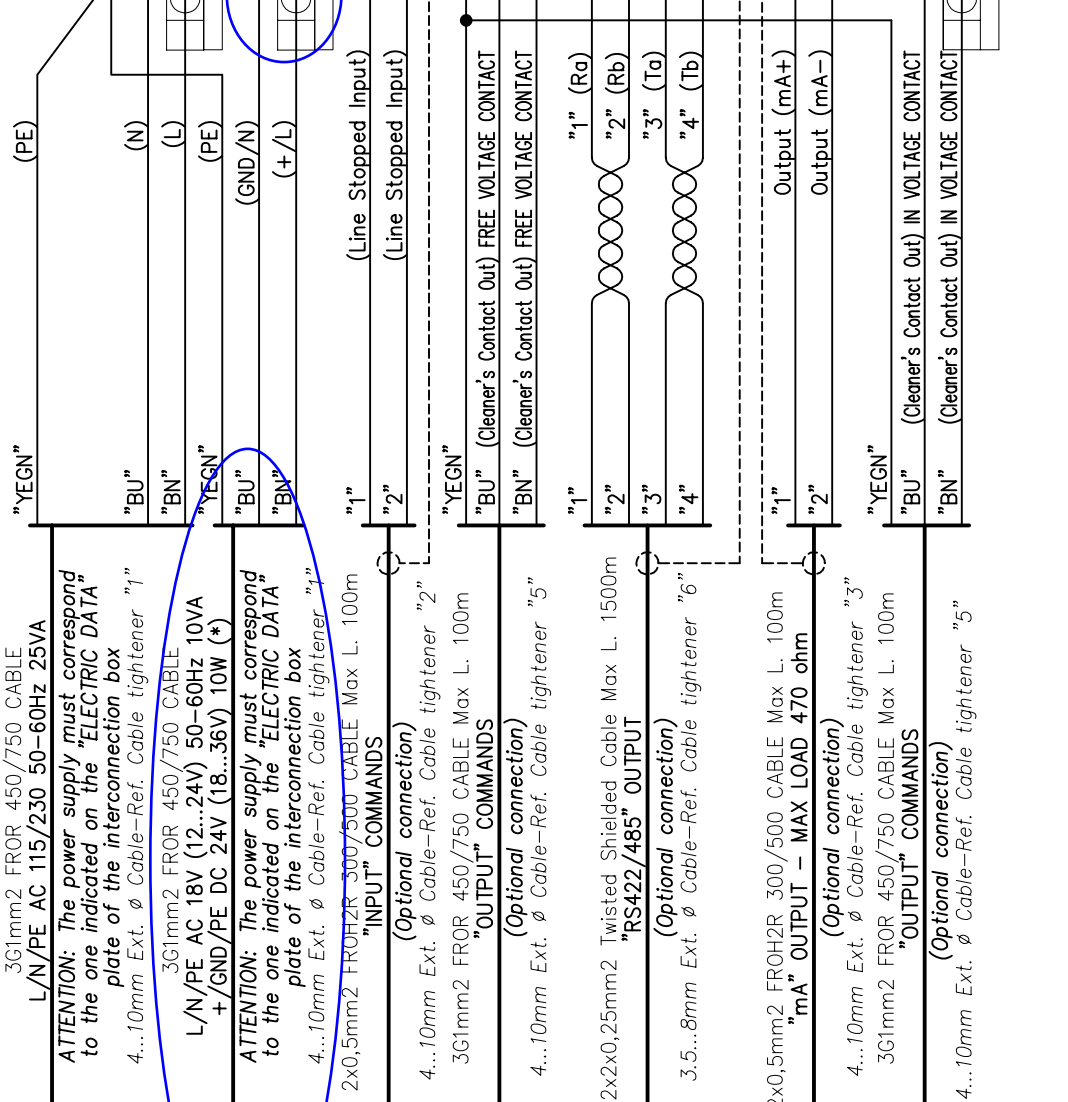
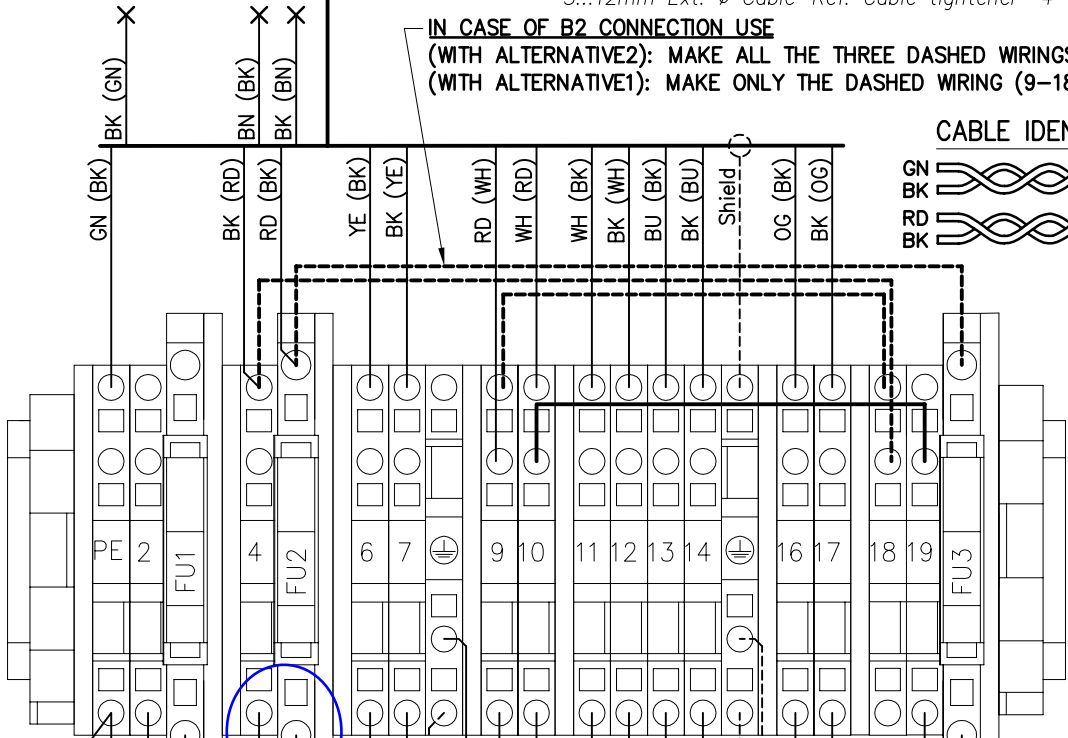
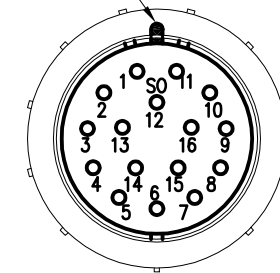
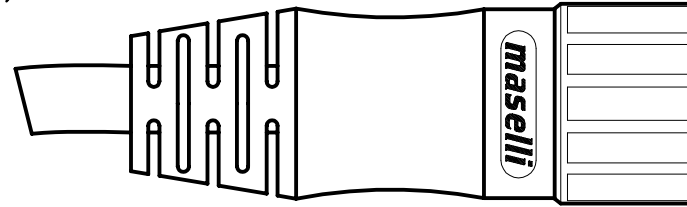


CONNECTIONS ON CIRCULAR CONNECTOR
UR-24 DIGITAL REFRACTOMETER

Table listing connector pin connections: WH Ra < 8/XS2, BK Rb < 9/XS2, BU Ta < 10/XS2, BK Tb < 16/XS2, OG Output (mA+) < 11/XS2, BK Output (mA-) < 1/XS2, RD 24Vdc/18Vac < 4/XS2, BK GND/N < 5/XS2, GN PE < 3/XS2, BK < 12/XS2, YE Input (+) < 6/XS2, BK Input (-) < 14/XS2, RD Output (C) < 13/XS2, WH Output (NO) < 2/XS2, BN < 7/XS2, BK < 15/XS2.

REFERENCE HEEL
(EXTERNAL VIEW)

CONNECTOR CASING



CONNECTION NOTES:

ATTENTION: THE CONNECTION CABLES INDICATED ON THE DRAWING ARE "APPROXIMATELY SUGGESTED". FOR THE CONDUCTORS' CHOICE IT IS NECESSARY TO CHECK THE INSTRUMENT'S MODEL AND FEATURES, ITS PROCESS VOLTAGE, THE AMBIENT, THE TYPE OF MOUNTING AND THE CURRENT STANDARDS IN ORDER TO AVOID AN IMPROPER USE OF THE SAME, WITH HEAVY DAMAGES TO THE PERSONS AND THINGS SECURITY. IF THE CONDITIONS AREN'T RESPECTED IN CONTINUOUS SERVICE, IN OVERLOAD AND SHORT-CIRCUIT, THE CABLE CAN APPEAR TO BE DAMAGED IN SUCH A WAY TO NOT BE ABLE TO GUARANTEE AN ADEQUATE SECURITY. TO ASSURE THE UNIT'S OPTIMAL OPERATION AND COMPLIANCE TO THE RADIO INTERFERENCE STANDARDS, IT IS SUGGESTED TO USE SHIELDED CABLES WHERE IT IS INDICATED, AND TO NOT EXCEED THE INDICATED LENGTHS. IT IS ALSO SUGGESTED TO POWER SUPPLY THE UNIT BY MEANS OF A SECTIONING SWITCH. FOR EARTH AND SCREEN CONNECTIONS USE YELLOW-GREEN TERMINAL BLOCKS APPROVED FOR SUCH FUNCTION BEING SURE OF THEIR PERFECT UNIPOTENTIALITY (TERMINAL BLOCKS: PE; 8; 15).

COLOURS DESIGNATION
CODE "CEI 16-6" (IEC 757)

Table mapping color codes to names: BK = NERO = BLACK, BN = MARRONE = BROWN, RD = ROSSO = RED, OG = ARANCIO = ORANGE, BU = BLU = BLUE, VT = VIOLA = VIOLET, GR = GRIGIO = GREY, WH = BIANCO = WHITE, PK = ROSA = PINK, YE = GIALLO = YELLOW, GN = VERDE = GREEN.

(ALTERNATIVE1) FOR INTERCONNECTION BOX WITH TRANSF. (ALTERNATIVE2) FOR INTERCONNECTION BOX WITHOUT TRANSF.

(*) NOTE: IN CASE OF B2 CONNECTION USE THE 24V 50-60Hz 20W AC POWER SUPPLY ONLY.

Technical drawing header and footer containing: MOD. DESCRIZIONE MODIFICA - MODIFICATION DESCRIPTION, DATA - DATE, MOD. DA - MOD. BY, CONTR. - INSPECTION, PAGINA N° DI N° OF N°, SERIE, UR-24 ANALYTICAL REFRACTOMETRIC UNIT, MATRICOLA PART NUMBER, DENOMINAZIONE General connection schematic, DISEGNATO DA A. Mordonini, DRAWN BY, STANDAR Interconnection box, CONTROLLATO G. Spagnoli, INSPECTED BY, DATA DATE 02/11/2004, SCALA SCALE, Cod. N° 0124C0005, Mod. 0, maselli misure process analyzers PARMA - MILANO ITALY, SOST. DIS. N° SUBS. DWG N°.