

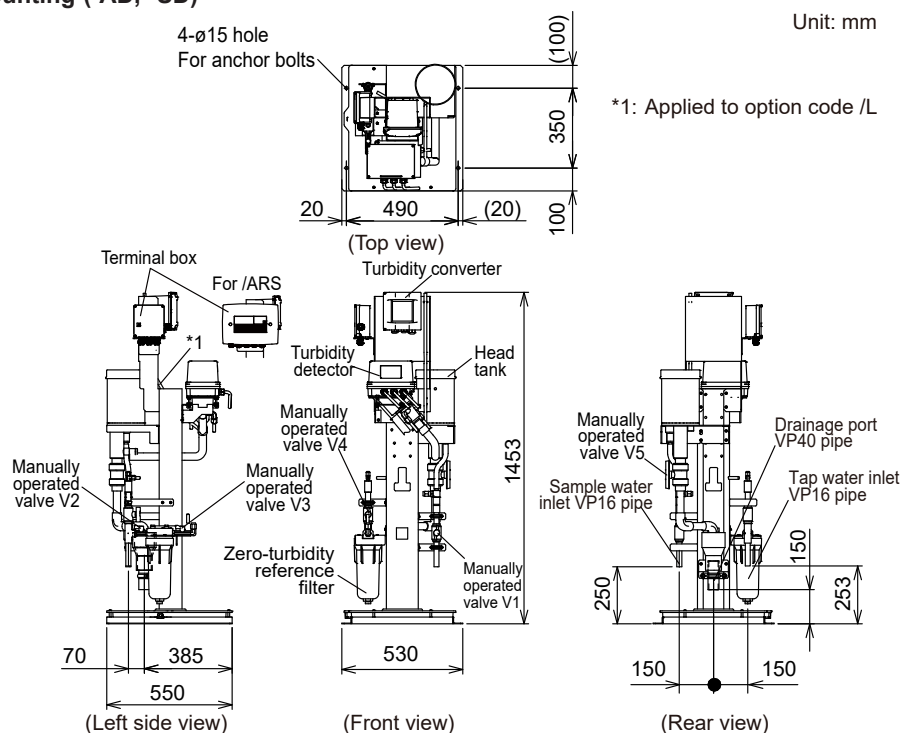
Drawings

TB830D-□□-□□-A1 Surface Scattering Light Turbidity Detector (without automatic cleaning, without automatic zero calibration)

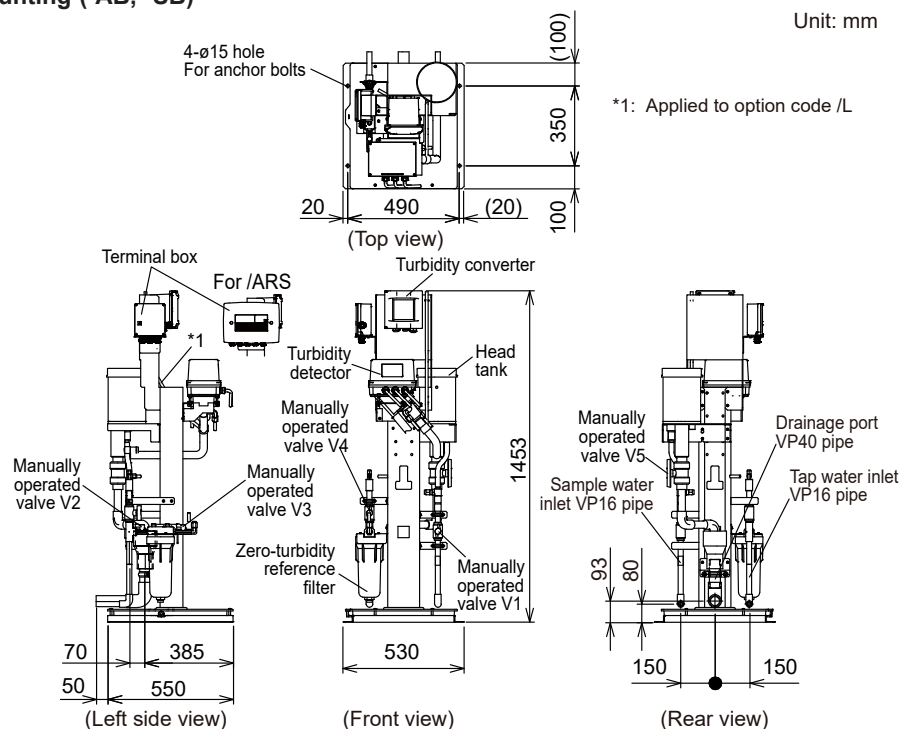
SD 12E04B40-02EN

● Without Option (/PH□7, /PH□2 /FC)

□ Base mounting (-AD, -SD)



□ Rear mounting (-AB, -SB)

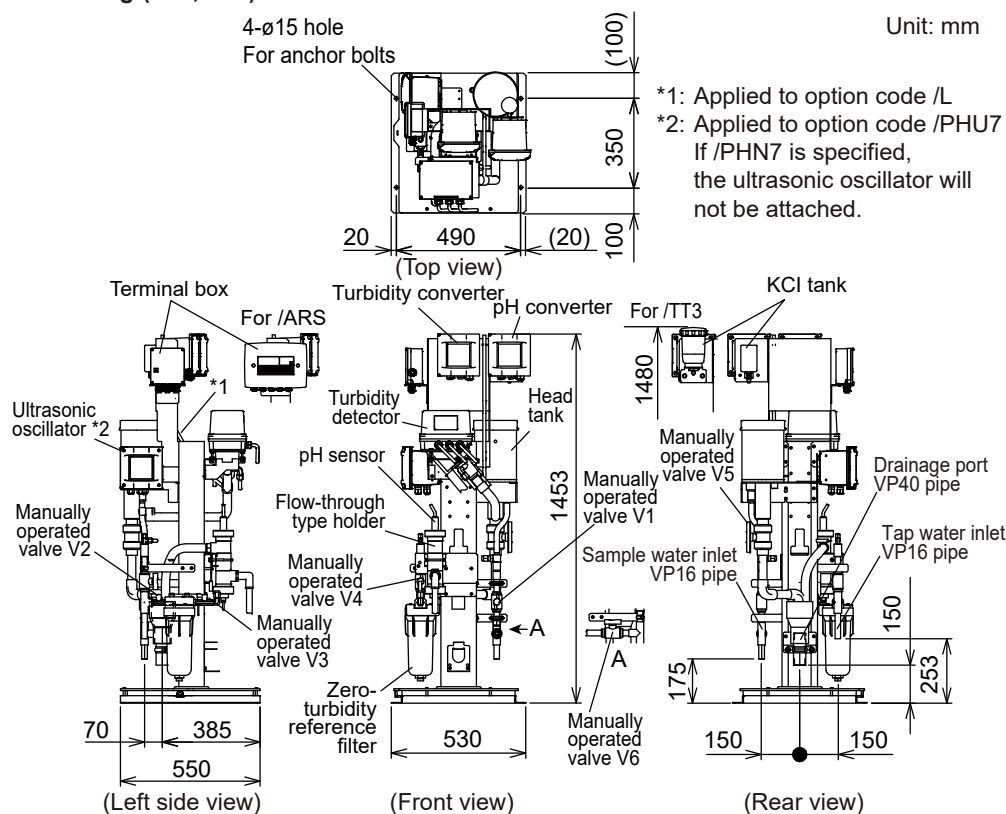


Weight: Approx 40 kg

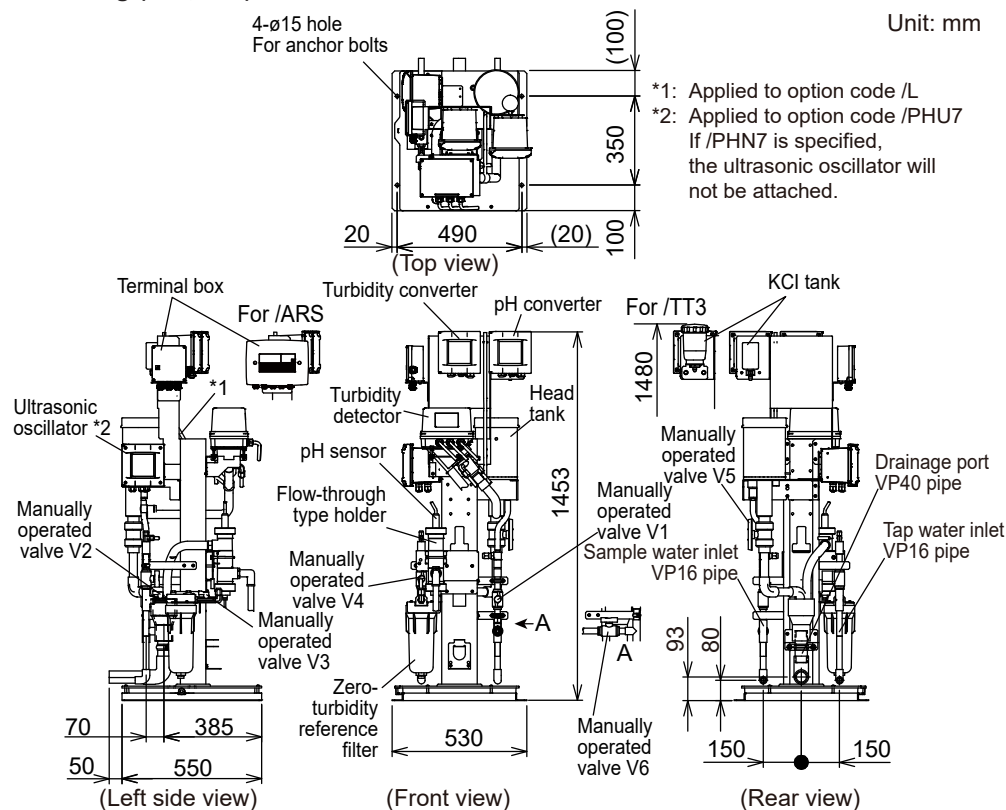
Unless otherwise specified, differences in the dimensions are specified as: General tolerance = $\pm$ (Criteria of tolerance class IT18 in JIS B0401-1998)/2.

● /PHN7, /PHU7

□ Base mounting (-AD, -SD)



□ Rear mounting (-AB, -SB)

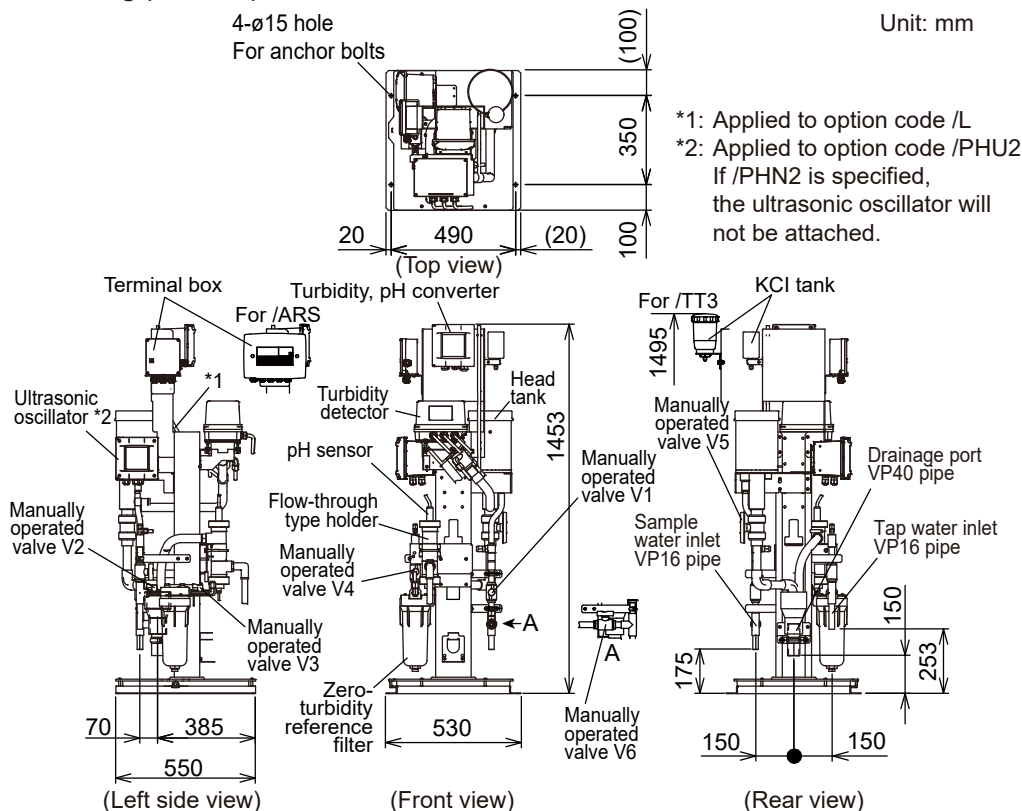


Weight: Approx 50 kg

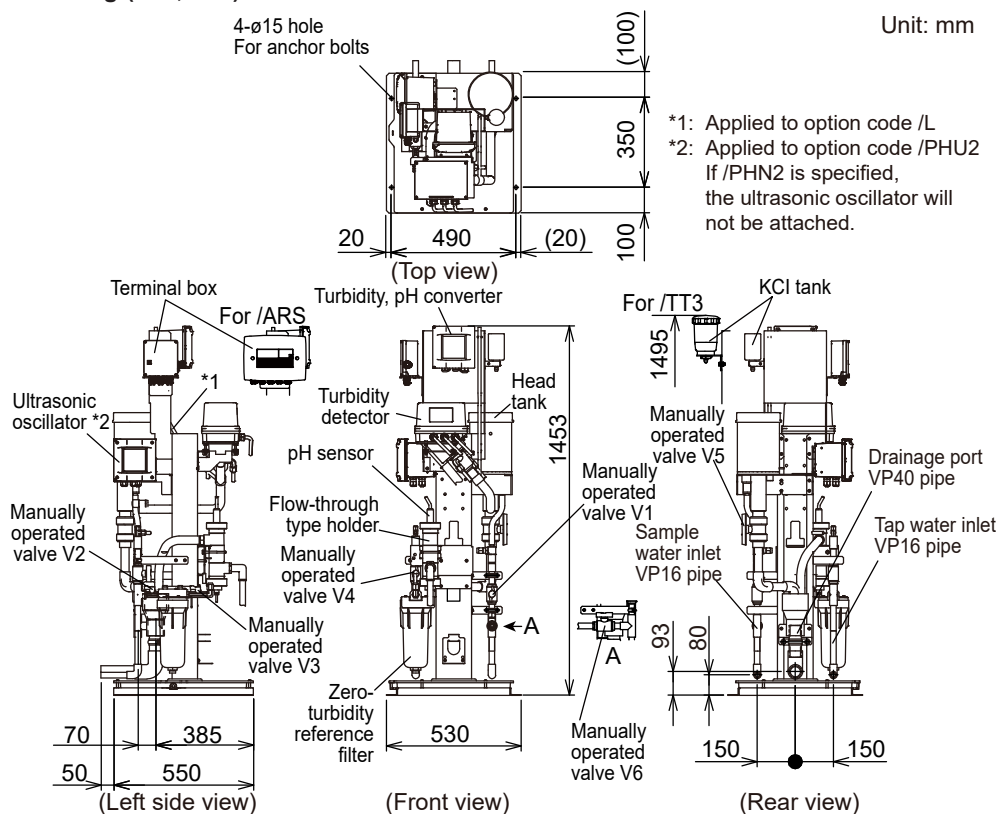
Unless otherwise specified, differences in the dimensions are specified as: General tolerance = $\pm$ (Criteria of tolerance class IT18 in JIS B0401-1998)/2.

● /PHN2, /PHU2

□ Base mounting (-AD, -SD)



□ Rear mounting (-AB, -SB)



Weight: Approx 45 kg

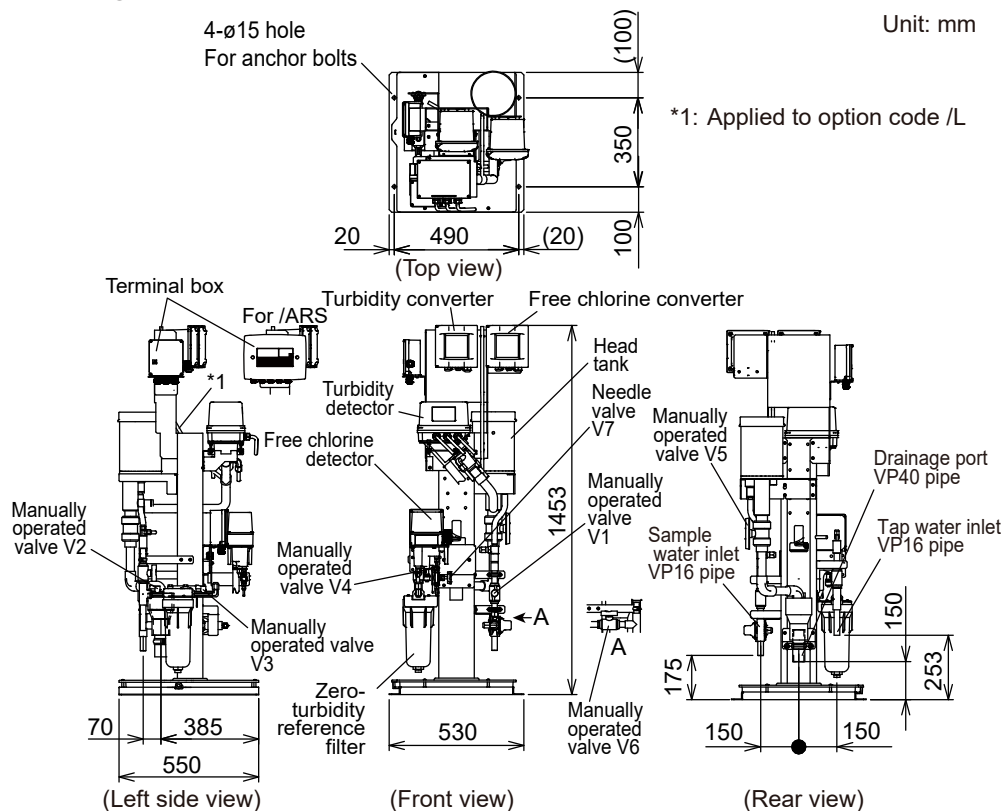
Unless otherwise specified, differences in the dimensions are specified as: General tolerance = $\pm$ (Criteria of tolerance class IT18 in JIS B0401-1998)/2.

SD 12E04B40-02EN 3/14

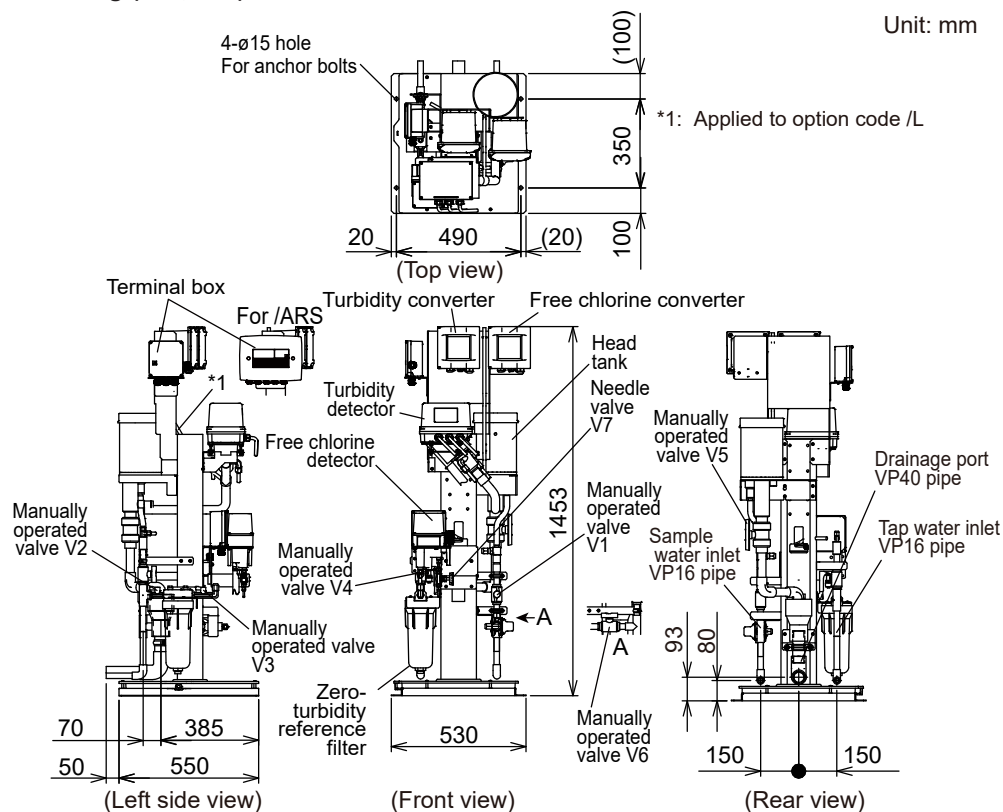
3rd Edition: June 2025 (YK)

● /FC

□ Base mounting (-AD, -SD)



□ Rear mounting (-AB, -SB)



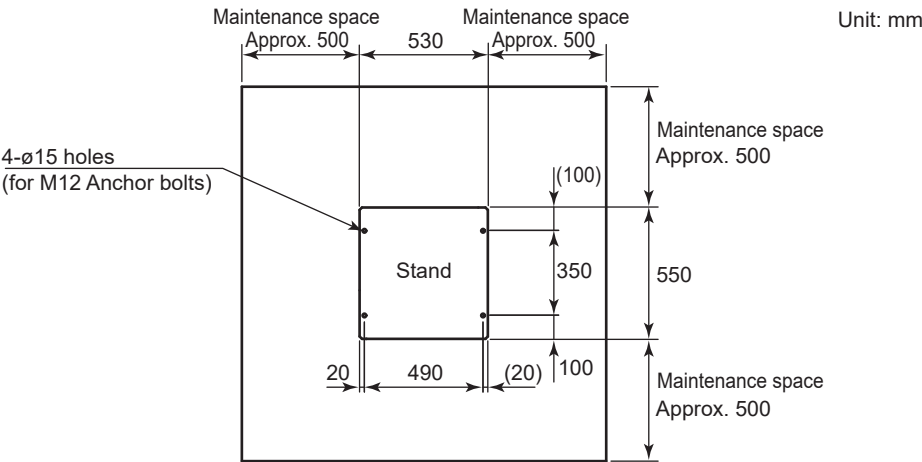
Weight: Approx 50 kg

Unless otherwise specified, differences in the dimensions are specified as: General tolerance = $\pm$ (Criteria of tolerance class IT18 in JIS B0401-1998)/2.

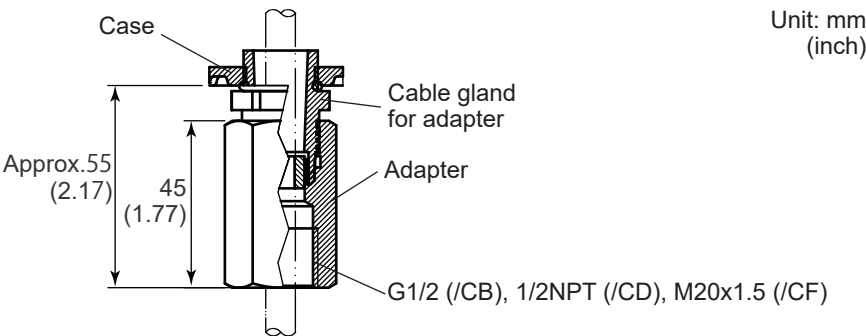
SD 12E04B40-02EN 4/14

3rd Edition: June 2025 (YK)

Maintenance space



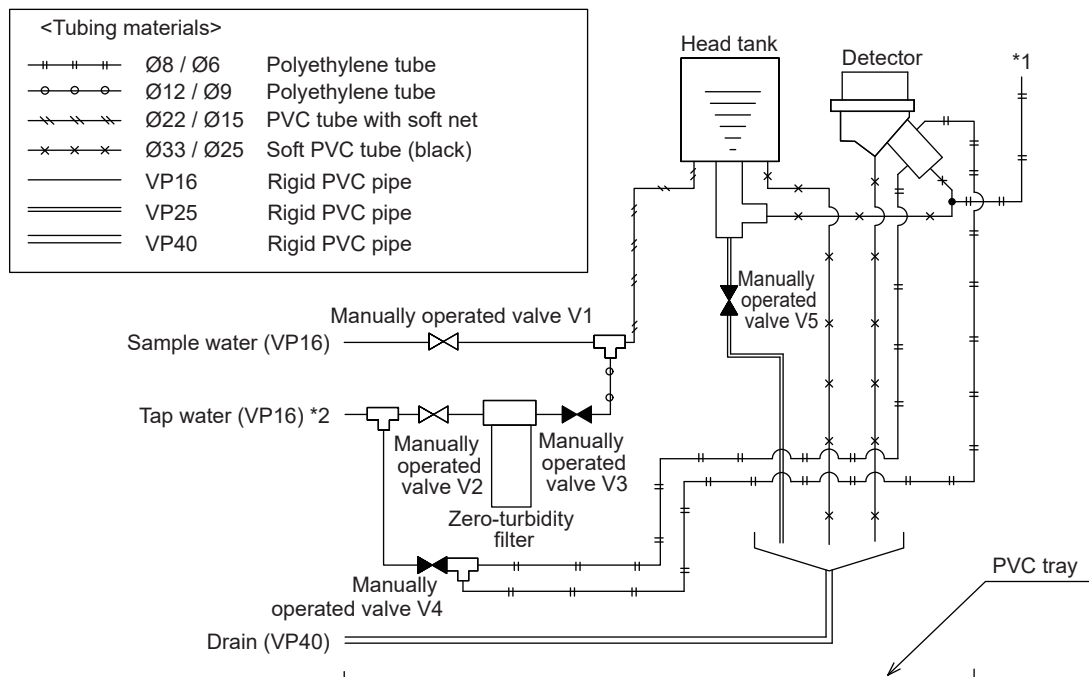
□ Conduit adaptor (/CB, /CD, /CF)



Unless otherwise specified, differences in the dimensions are specified as: General tolerance = ±(Criteria of tolerance class IT18 in JIS B0401-1998)/2.

Piping

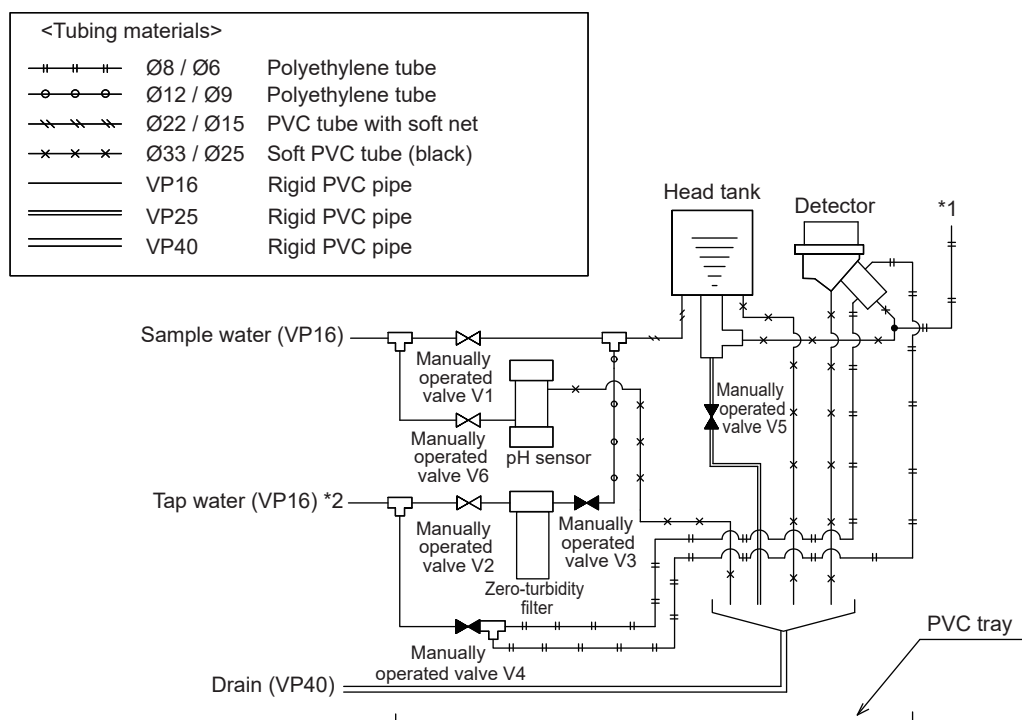
Without option (/PH□7, /PH□2, /FC)



*1: Option Code /L (Air denoising for Low Range)

*2: You should install a check valve just before the tap water pipe to prevent backflow.

/PHN7, /PHU7, /PHN2, /PHU2



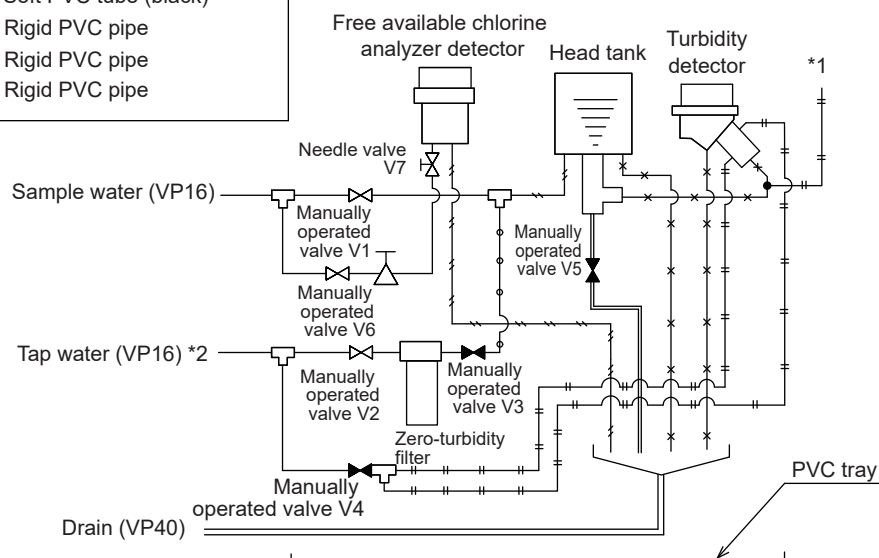
*1: Option Code /L (Air denoising for Low Range)

*2: You should install a check valve just before the tap water pipe to prevent backflow.

□ /FC

<Tubing materials>

— — — — —	Ø8 / Ø6	Polyethylene tube
—○—○—○—○—○—	Ø12 / Ø9	Polyethylene tube
— — — — —	Ø22 / Ø15	PVC tube with soft net
—x—x—x—x—x—	Ø33 / Ø25	Soft PVC tube (black)
=====	VP16	Rigid PVC pipe
=====	VP25	Rigid PVC pipe
=====	VP40	Rigid PVC pipe

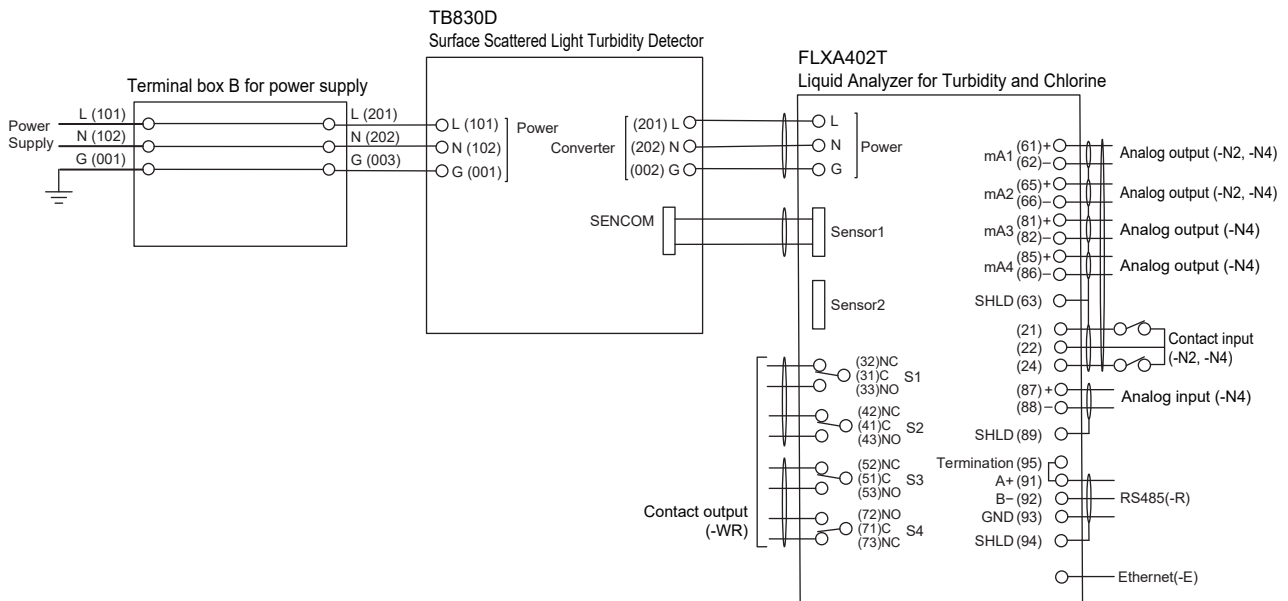


*1: Option Code /L (Air denoising for Low Range)

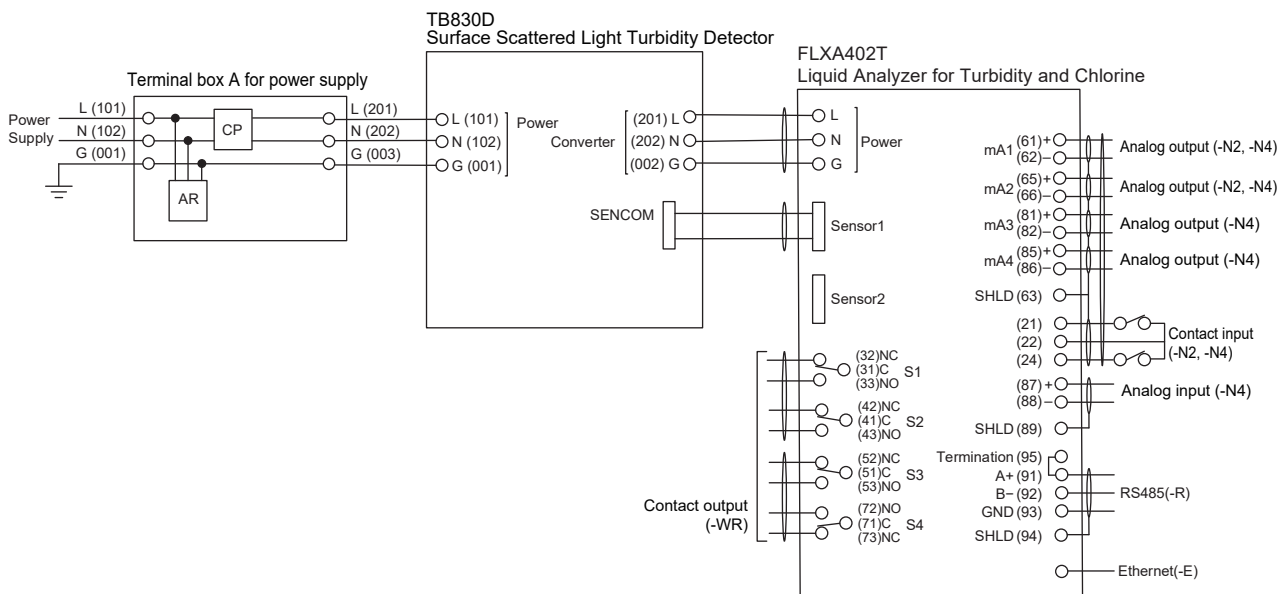
*2: You should install a check valve just before the tap water pipe to prevent backflow.

■ Wiring Diagram

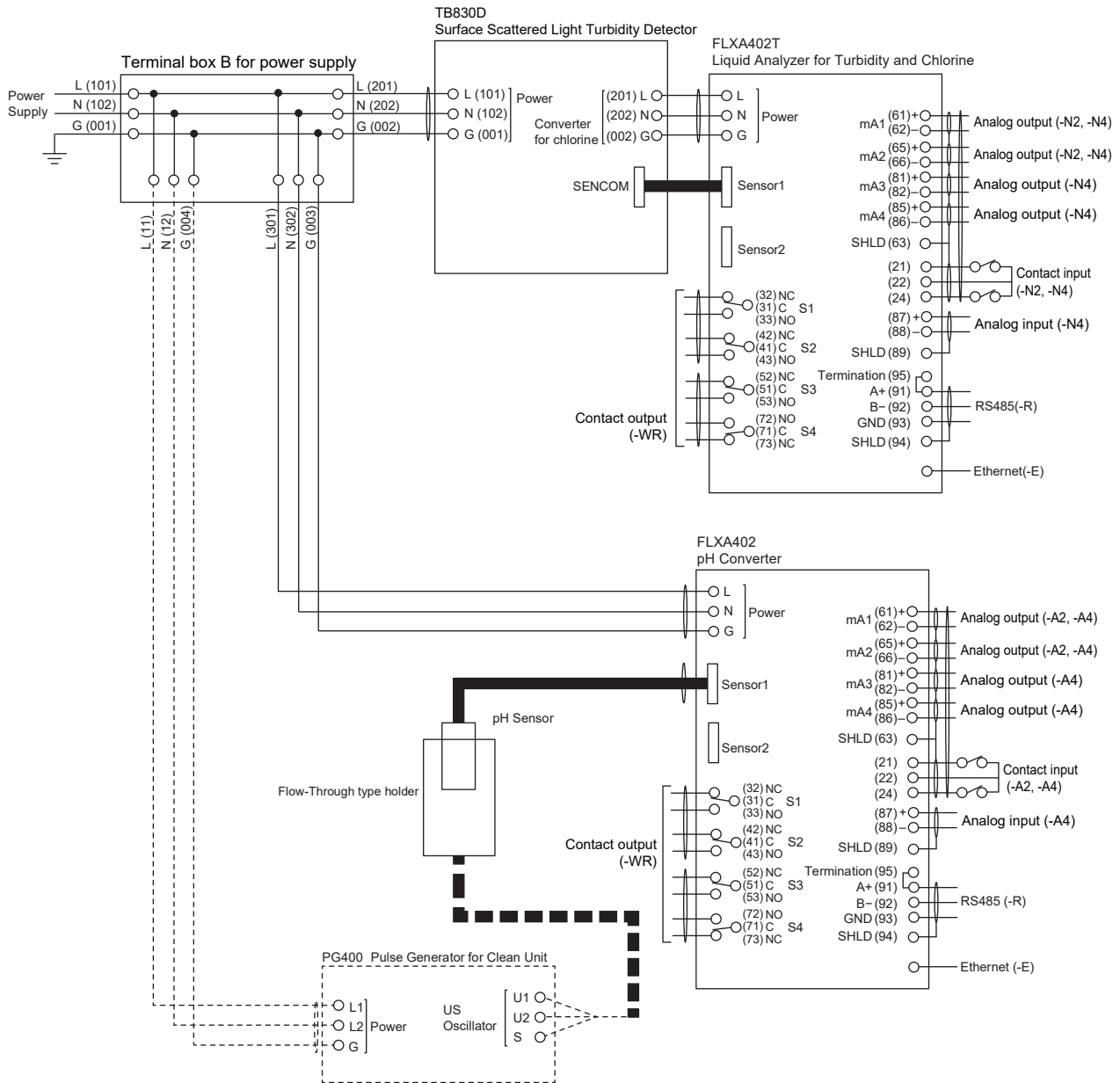
□ Without /ARS (arrester)



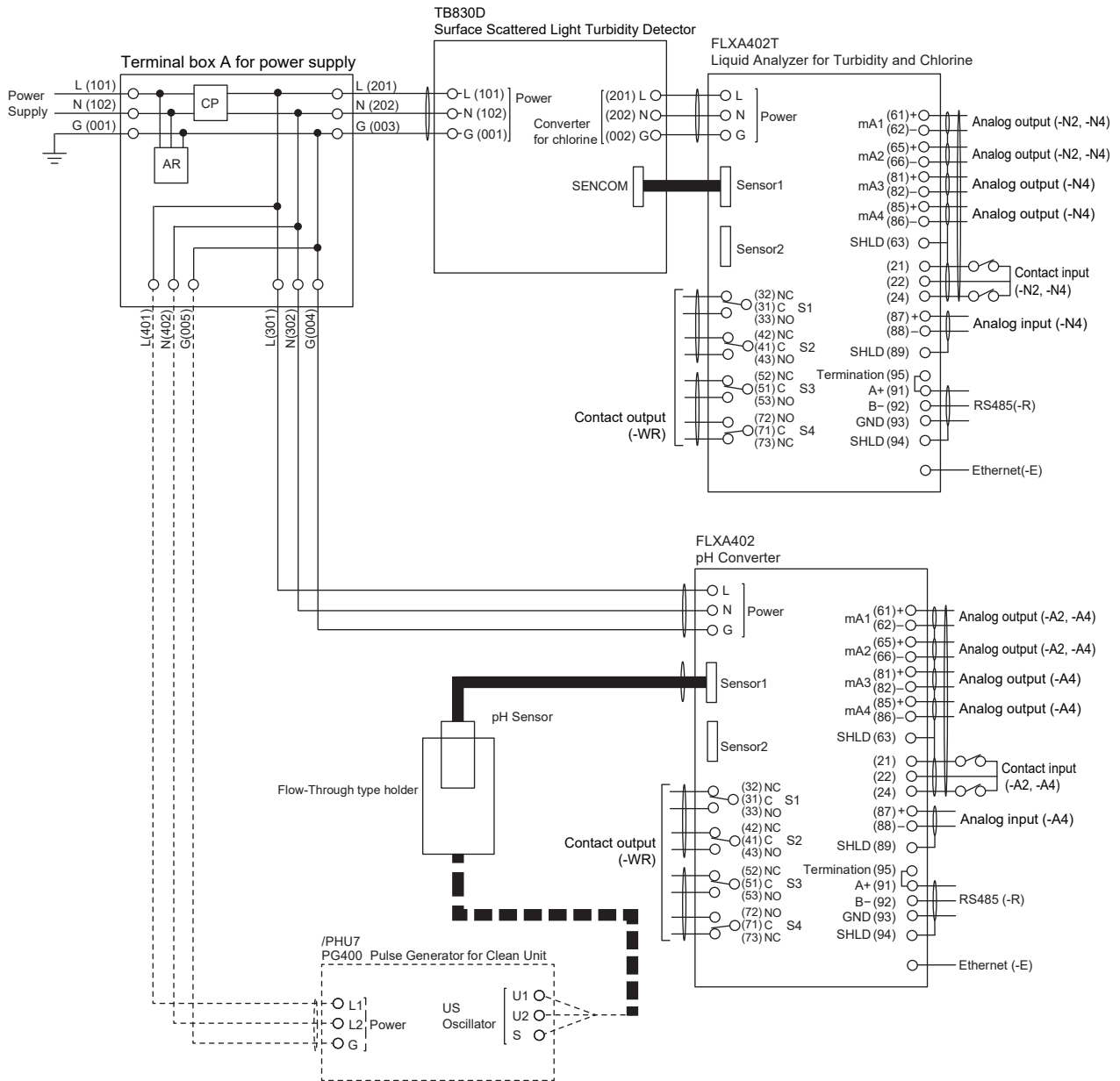
□ /ARS



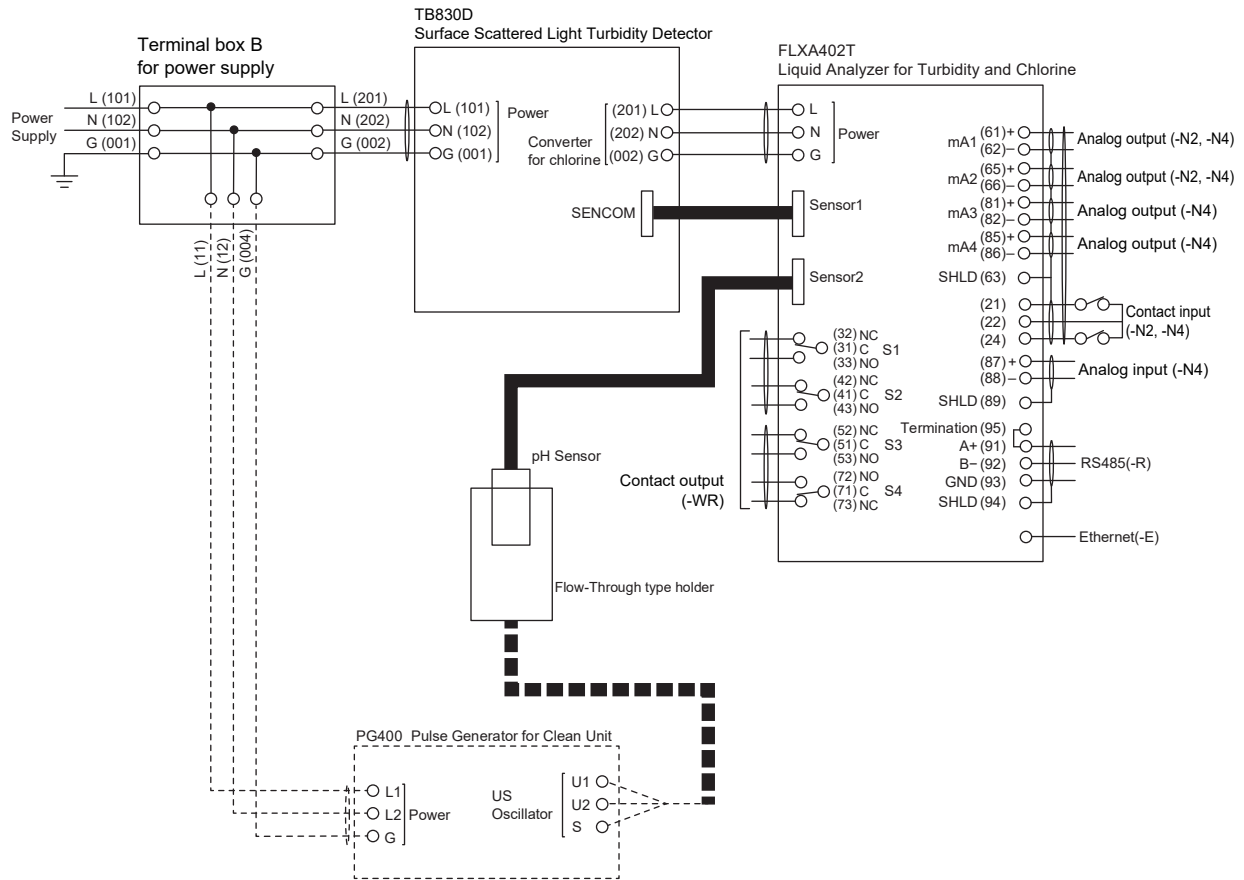
□ /PHU7, PHN7, without /ARS (arrester)



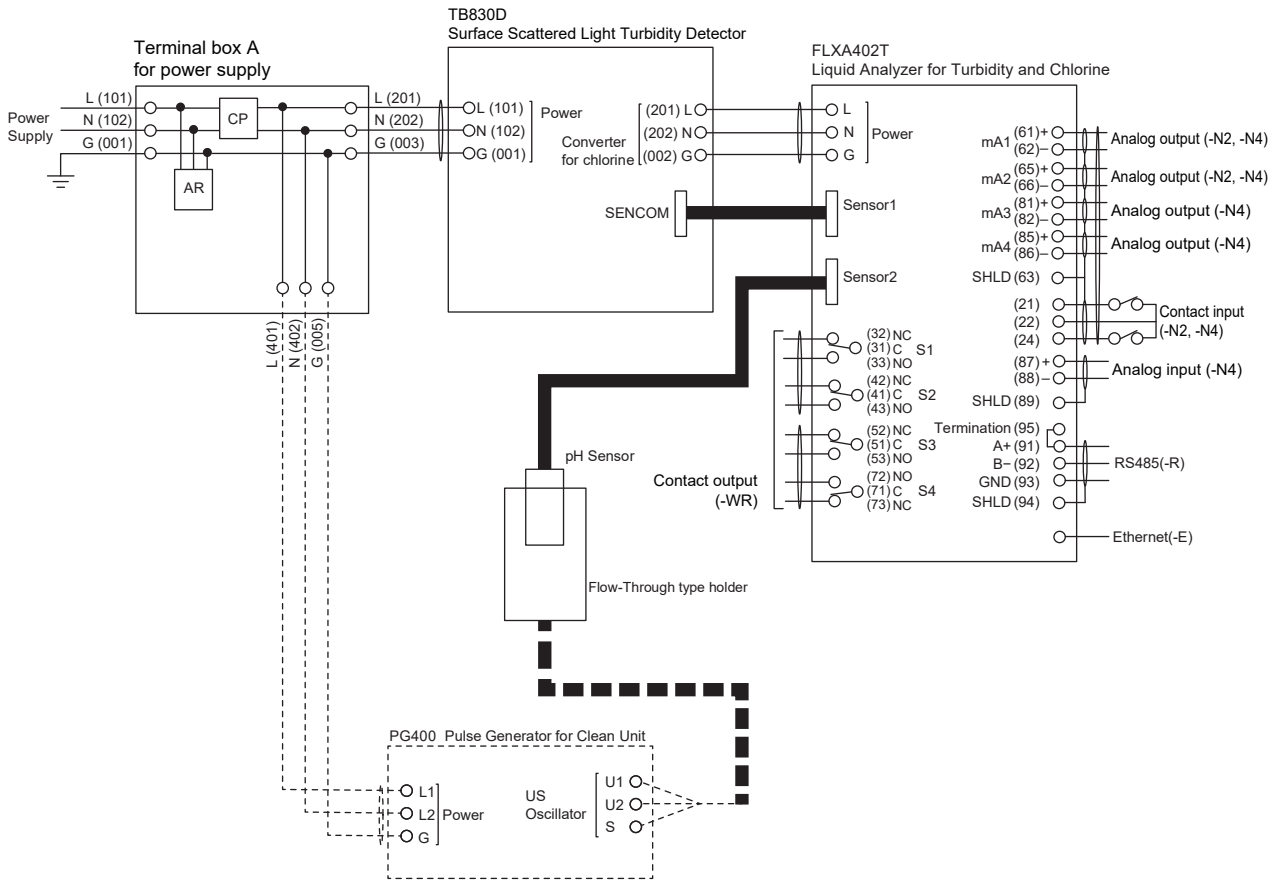
□ /PHU7/ARS, PHN7/ARS



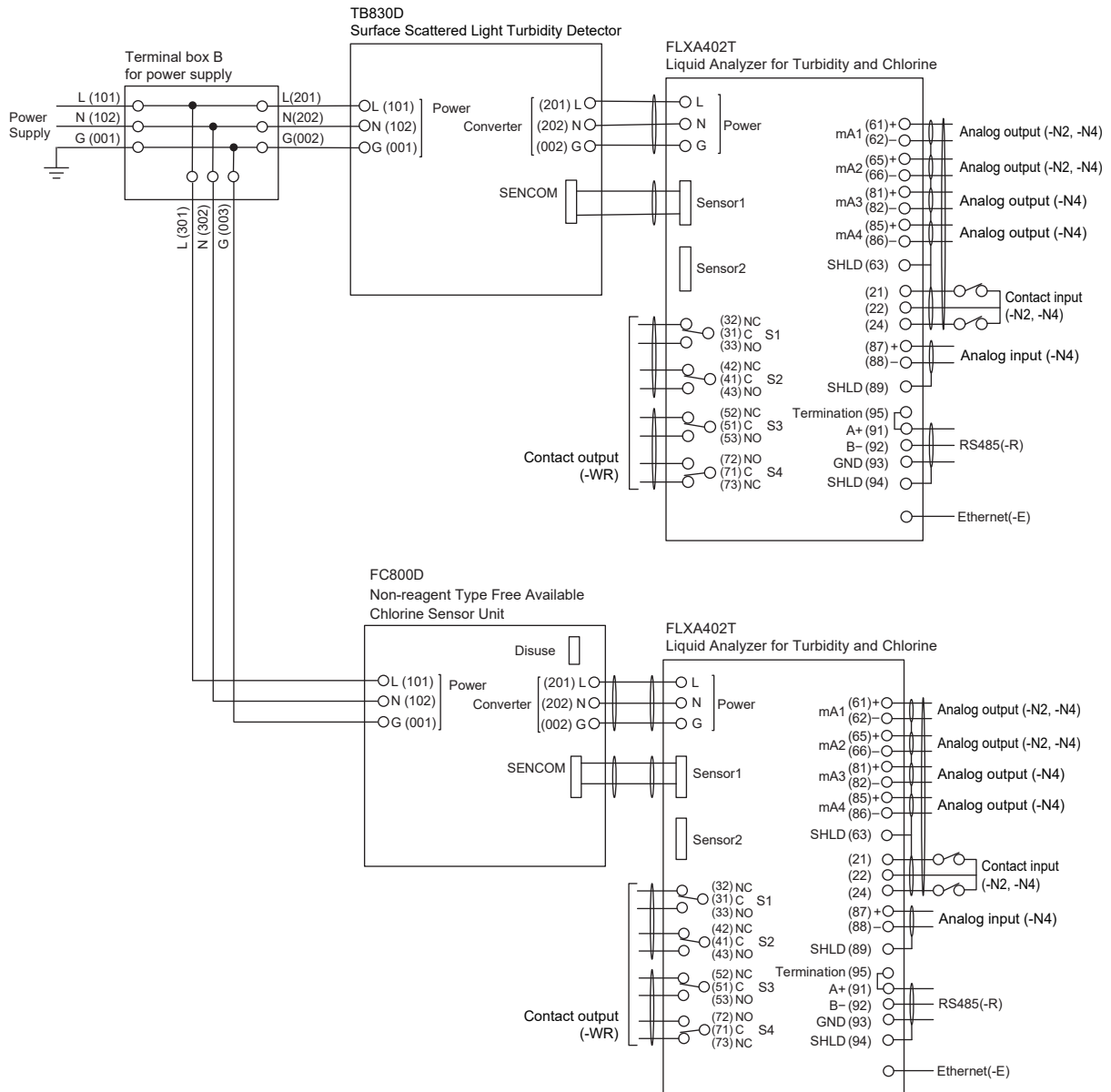
□ /PHU2, PHN2, without /ARS (arrestor)



□ /PHU2/ARS, PHN2/ARS



□ /FC, without /ARS (arrester)



□ /FC/ARS

