



A252 Auto Dispensing System & Elsoft Tester Communication Protocol Discussion

Discussion Date: 19 Apr 2018
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Communication: TCP/IP (Transmission Control Protocol/Internet Protocol)
Manual IP (Dispenser Host)

Send Lot Information

Lot Information - MES Product, MES Lot, SAP WO, Market Target, Cartridge ID Pump A, Cartridge ID Pump B, Operator ID, Shift.

Start Lot Command ► DSL, (continue with above data)
Tester Response ◄ TACK or ◄ TNACK

End Lot Command ► DEL, (continue with above data)
Tester Response ◄ TACK or ◄ TNACK

*Dispenser to add **Resend Lot Info** button to allow user to resend Lot Info if Tester software is restart.*

Calibration Mode Disp

Disp Command ► DDC,2DCode,P1,#,VOL1,R1,C1,R1,C2,P2,#,VOL2,R1,C5,R1,C6
(where by P1=Pump1, #=Number of unit dispense, VOL1=Target Volume Dispense)
Tester Response ◄ TACK or ◄ TNACK

After Tester Completed

Tester Command ◄ TDO,2DCode, OFST1, OFST2
Dispenser Response ► DACK or ► DNACK

Production Mode Disp

Disp Command ► DDP,2DCode,P1,#,VOL1,R1,C1,R1,C2,P2,#,VOL2,R1,C5,R1,C6
(where by P1=Pump1, #=Number of unit dispense, VOL1=Target Volume Dispense)
Tester Response ◄ TACK or ◄ TNACK

After Tester Completed

Tester Command ◄ TDO,2DCode, OFST1, OFST2
Dispenser Response ► DACK or ► DNACK

Tester Data Out Of Spec

Tester Command ◄ TDS,2DCode, OFST1, OFST2
Dispenser Response ► DACK or ► DNACK

(Dispenser will By Pass input from Loader and continue to the remaining unit and unload to tester.)

End Of Report.. Dated 19 Apr 2018
By LW Ong