

# SINGLE LOCATION ELECTRONIC CONTROL SYSTEM

## KEY

- 1 SUPPLY RESERVOIR (WET TANK)
- 2 PRIMARY RESERVOIR (TYPICALLY FOR THE REAR BRAKES)
- 3 PRESSURE PROTECTION VALVE (PPV)
- 4 LIFT GAUGE (OPTIONAL)
- 5 3-POSITION ROCKER SWITCH
- 6 SOLENOID CONTROL VALVE
- 7 REMOVABLE/CLEANABLE INLEFT FILTER
- 8 PRESSURE SENSOR

COMPRESSED AIR LINES

WIRING HARNESS

TRUCK AIR  
COMPRESSOR SUPPLY

RED(+) TO 12/24V VEHICLE  
POWER SOURCE  
BLACK (-) TO CHASIS GROUND

WHITE WIRE TO HOT (+) SIDE OF  
"OK TO PUMP" LIGHT CIRCUIT

DISCHARGE PRESSURE

1/4" NPT

PANEL

WIRE HARNESS

3/8" OD TUBING  
(MINIMUM)

1/4" NPT

1/4" NPT

3/8 OD TUBING  
(MINIMUM)

FROM PRIMER PORT(S)  
ON THE PUMP TO THE  
PRIMER

PLUMB TO DRAIN

1/8" NPT

REMOVE SHARP EDGES	INCH [MILLIMETER]
MATERIAL DESCRIPTION	MASS
	LBS
THIS DESIGN IS THE PROPERTY OF WS. DARLEY CO. - UNAUTHORIZED REPRODUCTION IS PROHIBITED	ALL DIMENSIONS IN INCHES UNLESS NOTED

THIRD ANGLE PROJECTION



OLD PART NO.

PATTERN NO.

TOLERANCE EXCEPT  
AS NOTED  
.00 ±.03  
.000 ±.010  
ANGLES ±1

DRWN MMF

CKHD SMS

TRCD

MODEL SHEET  
1/1 C

**Darley** ITASCA, IL  
CHIPPEWA FALLS, WI

DWG - AUTOPRIME CONTROLS ASSY  
PNEUMATIC SCHEMATIC

DATE: 06/05/2023  
SCALE: 1:2

DGS4401

DO NOT SCALE PRINT