

# DRUCK DPI 802

TYPE: PRESSURE LOOP CALIBRATOR



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### GENERAL SPECIFICATIONS

OPERATING TEMPERATURE	14...122°F(-10...50°C)
STORAGE TEMPERATURE	-4...158°F(-20...70°C)
HUMIDITY	0 to 90% without condensation (Def Stan 66-31,8.6 cat III)
SHOCK/VIBRATION	BS EN 61010:2001; Def Stan 66-3,8.4 cat III
EMC	BS EN 61326-1:1998+A2:2001
SAFETY	Electrical- BS EN 61010:2001; Pressure equipment directive- class: Sound Engineering Practice(SEP);CE Marked
SIZE(L:W:H)	Maximum: 7.5×3.3×2.0 in (190×85×50mm)
WEIGHT	19 oz (530g)
POWER SUPPLY	3×AA alkaline batteries
DURATION(MEASURE)	P1:≈50 hours P1+mA:≈5 hours (24 V Source at 12mA)

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**SPECIFICATIONS - ELECTRICAL CONNECTORS (A2):**

<b>RANGE(MEASURE)</b>	0 to $\pm 55$ mA
<b>ACCURACY</b>	0.02% of reading + 3 counts
<b>TEMPERATURE COEFFICIENT</b> 14...50°F,86...122°F (-10...10°C,30...50°C)	0.0011%FS/°F (0.002%FS/°C)
<b>SWITCH DETECTION</b>	Open and closed,2mA current
<b>LOOP POWER OUTPUT</b>	24V $\pm$ 10%
<b>HART RESISTOR</b>	250 $\Omega$ (menu selection)
<b>CONNECTORS(A2)</b>	Three 0.16 in (4mm)sockets

**APPLICATIONS:** Used as a pressure loop calibrator.

**CODE:** DSEOOP000008000009.

**MANUAL NO.:** 09.