HP II202 GPIO Interface Cable (As supplied)
HP11202 GPIO Interface Cable

(To HP11202-66541)

PCB

(R/G, O/G not used)

ARD's Wiring, not HP colours

HP11202 GPIO Interface Cable
Note: X = wire not used at PTR end.

Standard wiring + colours at 11202 PCB Connector

(To HP2748 Reader)

Shield Pb

(To 11202-46391 PCB)

Data

7 - Pu
6 - Bu
5 - G
4 - Y
3 - Or
2 - R
1 - Br
0 - Bk

Feedhole Gy

(wire side)
HP11202 has TTL inputs.
HP2248 has 12V outputs, but with 10k pullup only.

When connected, high level signal is <5V since:

HP2248 output

HP11202 Input

When high, this transistor is cutoff, so can be ignored. Also ignore TTL input current.

So, circuit simplifies to:

Norton equivalent

So circuit simplifies to:

3.877V (<5V)

3.97mA