

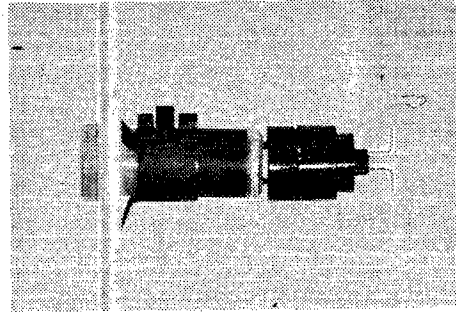
INDICATORS

TYPES 4908, 4906, 4917, 4918

HARDWARE ACCESSORIES

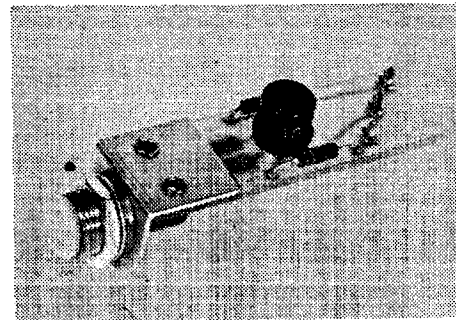
4908 PANEL INDICATOR ASSEMBLY

Consists of lamp, spring clip, and terminal. Facilitates panel mounting of individual indicator lamps. Power required is -15 v at 30 ma . Requires a $5/16\text{ in.}$ hole for mounting. Wires can be any length, since their capacitance is isolated from the logic by a driver such as W050.



4906 INDICATOR WITH AMPLIFIER

Single indicator lamp with transistor driver. May be panel mounted in $3/8\text{ in.}$ hole; bulb is replaceable from the front. Power required is -15 v at 30 ma . Overall dimensions are $2\frac{1}{2}\text{ in.}$ x $5/8\text{ in.}$ x $7/8\text{ in.}$. The input to the transistor driver requires DEC standard levels or equivalent. The input load is 1 ma at -3 v . Minus 3 v lights the lamp; 0 v turns it off.

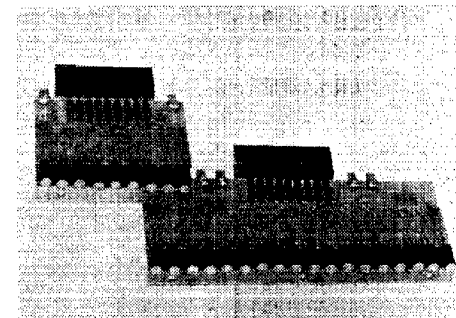


4917, 4918 Indicators with Amplifiers

The 4917 is a 9-bit indicator and the 4918 is an 18-bit indicator from R series logic without the requirement of additional buffering or clamped loads. The indicators must be used in conjunction with a W018 connector. All 18 pins of the cable connector are used for signal leads. Ground and -15 v are brought to the module through quick disconnect jumpers. Plugging the W018 into a connector slot with $+10\text{ v}$ and -15 v on pins A and B will not damage the indicators. A -3 v or open circuit turns the indicator on. A ground input turns the indicator off. Load at ground is 1 ma . The W018 should be plugged into the logic mounting and panel and a W023 should be used on the end of the cable that connects to the 4917 or 4918.

Power required is 540 ma at -15 v (4918). Overall dimensions are $9\frac{1}{2}\text{ in.}$ x $15/16\text{ in.}$. Bulbs are on $7/16\text{ centers}$ and each requires a $5/16\text{ in.}$ hole.

All indicators utilize 28-v bulbs which are operated at 15 v . This provides more than adequate illumination and greatly extends the life of the bulbs. When driving type 4906 from R-series flip-flops, one or more W002 or W005 clamped loads must be added to supply the current at -3 v demanded by these circuits.



4908	— \$ 3.00
4906	— \$ 9.50
4917	— \$73.00
4918	— \$96.00