

Electrical Contact Heads



Model EC

Application:
Electrical Contact Heads provide alarm or control functions. 100mm and 160mm dial instruments can be specified with electrical contact heads mounted in a macrolon plastic window which replaces the standard window. The set point can be adjusted to any position on the scale with a removable key. Single, dual, triple and quadruple contact systems are available. Electrical contact heads provide a repeatable switching point and can be fitted to 100 & 160mm gauges



SNAP-ACTION:

contacts can be used under almost all operating conditions and are partially not affected by vibrations.

Technical Data:

Nominal operating voltage: max. 250V Making and breaking current: max. 1,0 A
Breaking capacity: 30W 50VA
Switching precision: approx. 2-5 % of final scale value

INDUCTIVE:

Contacts are equipped with non touching proximity NAMUR switches. They should be preferable when used with oil filled measuring instruments. With ATEX approved isolating amplifier they can be used in explosion proof areas.

Technical Data:

Rated voltage: 8 V DCS
witching precision: approx. 0,5 % of final scale value

ELECTRONIC:

Contacts are equipped with non touching proximity switches. They should be preferable when used with oil filled measuring instruments, for operating under low voltages and for small DC-loads, eg. for direct connection to a PLC.

Technical Data:

Operating voltage: 10-30 V DC
Breaking capacity: < 100mA
Switching precision: approx. 0,5% of final scale value