IR-104-PBF is a high-density PC/104 format digital I/O module designed for industrial applications requiring isolation between the computer and the external signals it is monitoring and controlling. This module features 20 optoisolated digital inputs and 20 relay outputs. Each input can accept both AC and DC voltages as low as 3V and as high as 24V.

The optocoupler inputs are located on a pin header at the top of the board, while the relays feature quick-disconnect terminal blocks (10 relays per block) that accept wire ranging from 14-28AWG. The board will operate in ambient temperatures ranging from -25 to +70°C.

Note: The maximum component height on this board is .492", slightly higher than the PC/104 standard of .435". This extra height will usually not be a problem unless the board stacked directly above the IR-104-PBF has components mounted on the bottom of the board or through-hole pins that exceed .043" in height. In this case you can mount the IR-104-PBF on the top of the stack.