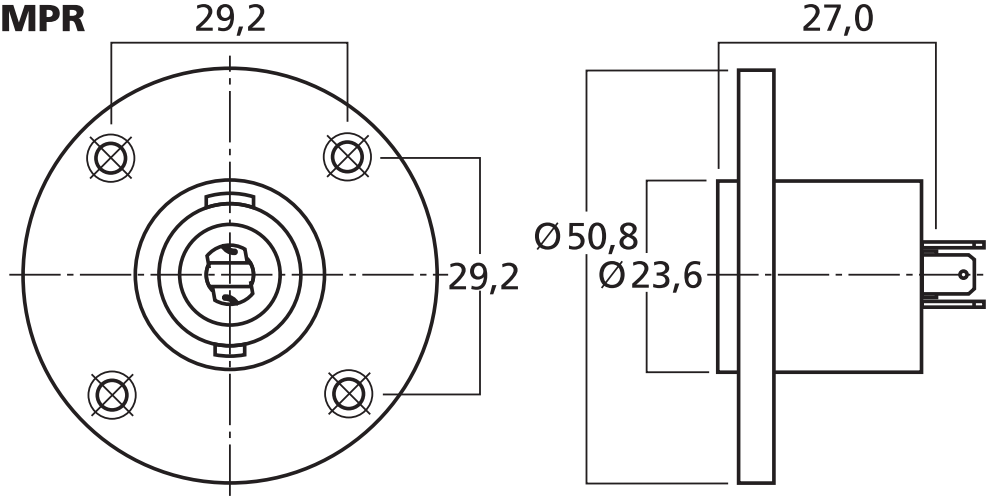NL-4MPR