SJ-E series

Relay contact interface
Operation manual

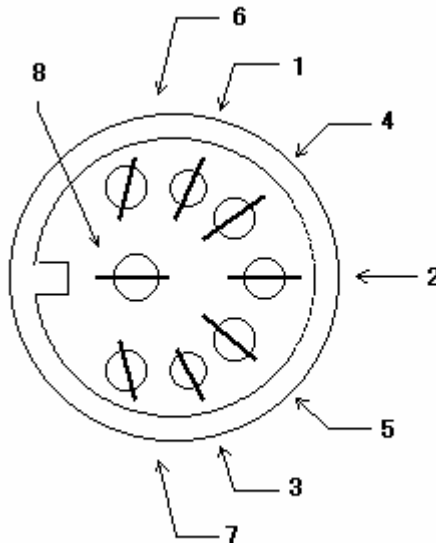1. Pin numbers & Functions of Connector (Relay contact connector:8P)

   1-1   Pin numbers & functions

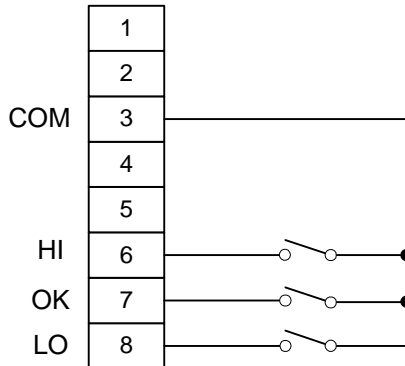| Pin No.	Signal	Input/output	Functions
1			Blank
2			Blank
3	COM	Out	Common Contact
4			Blank
5			Blank
6	HI	Out	a-contact, ON for HIGH data
7	OK	Out	a-contact, ON for GOOD data
8	LO	Out	a-contact, ON for LOW data

   Applicable Plug:TCP0586-01-0201(Hoshiden) included.
            DIN 8Pin connector:Rear-panel

1-2)   Relay contact circuit
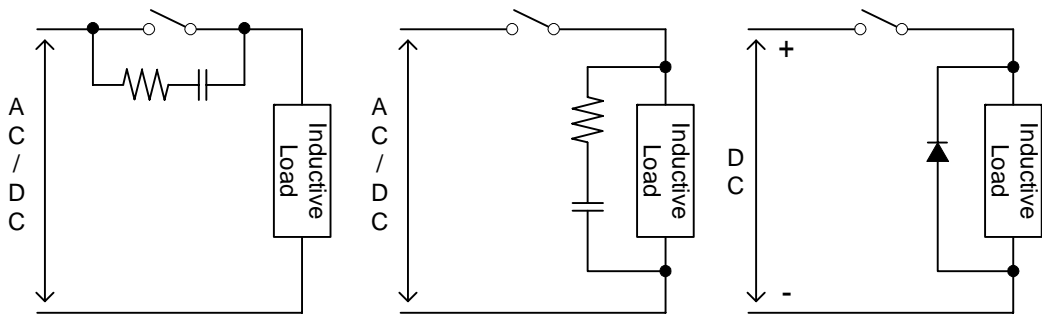
Output layout on DIN 8-Pin plug

a-contacts for HI,OK & LO

Contact capacity
Maximum switching voltage: AC 50V
                                     DC 30V
Maximum switching current: 500mA

1-3)   Positioning of inductive load in the relay output circuit

A spark quenching circuit shall be added when an inductive load is connected.

2. Function setting for Relay contact
    As to details of function settings, refer to the operation manual of a balance.
    Function settings for relay contact is explained herein assuming the below
    conditions.

    Setting conditions for relay contact function (assumed conditions)
        Constant judging
        Judging all areas including zero point
        Judging HI/OK/LO

    Note :   stands for factory setting.

2-1) Operation of the limit function

Item	Set value		Description
Limit function	$2.5EL.$	0	Disable
		1	Enable

2-2) Setting of judging conditions

Item	Set value		Description
Judging conditions	$2 1.Co.$	1	Constant judgment (Judging even when unstable)
		2	Judging only when stable (No judging when unstable)

2-3) Setting of Judgment range

Item	Set value		Description
Judgment range	$2 2.L 1.$	0	Judging the range beyond +5 divisions (No judging less than +5 divisions or negative)
		1	Judging all area (Judging all area including negative)

2-4) Setting of judgment points

Item	Set value		Description
Judgment points	$2 3.P 1.$	1	Judging one point setting (OK/LO)
		2	Judging HI/OK/LO

2-5) Setting of high and low limit values
    As to this settings, refer to "Limit function" in the operation manual of a balance.