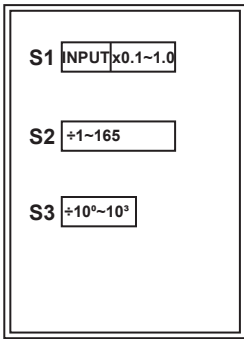


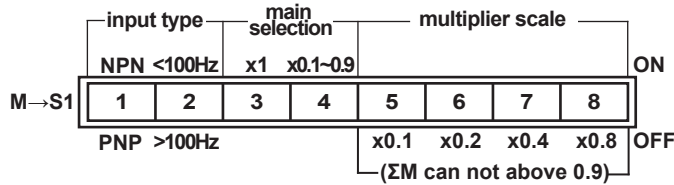
SetPro TA-TFP

1.FUNCTION SWITCHES(S1,S2,S3)

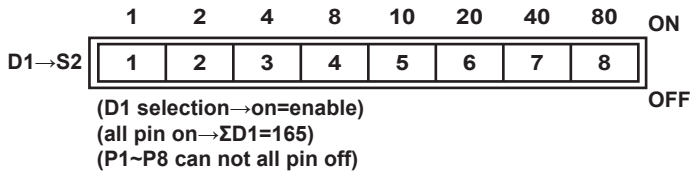


●S1→input type(P1-P2) and input pulse multiplier scale (P3~P8)selection

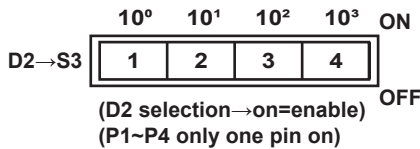
- P1:ON=current sinking input(NPN)
OFF=current sourcing input(PNP)
- P2:ON=switch contact input
OFF=pulse input(NPN/PNP)
- P3:ON=main selection input pulse multiplier scale 1.0
OFF=selection P4 is ON (P3-P4 only one pin on)
- P4:ON=main selection input pulse multiplier scale 0.1 to 0.9
OFF=selection P3 is ON (P3-P4 only one pin on)
- P5-P6-P7-P8:multiplicator scale 0.1 to 0.9 selection



●S2→input pulse divide scale(1~165) selection



●S3→input pulse divide scale(10⁰~10³) selection



2.OUTPUT FREQUENCY PROGRAMMABLE FORMULA

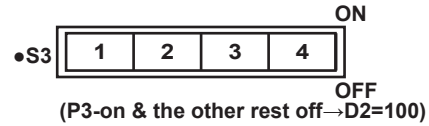
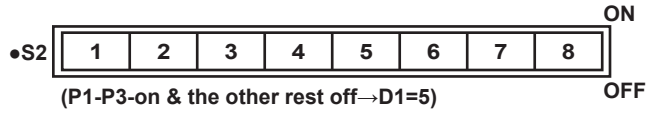
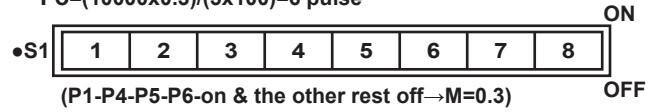
Fi=Input pulse number
 Fo=Output pulse number

$$Fo=(Fi \times M)/(D1 \times D2)$$

3.APPLICATION

◎Example 1:TA-TFP-A30B
 Input pulse number→10000 pulse
 Input type→current sourcing input(NPN)
 Output pulse number→6 pulse
 Output model→open-collector(<30V/40mA)
 Aux.Power→AC/DC 90~260V

$$Fo=(10000 \times 0.3)/(5 \times 100)=6 \text{ pulse}$$



◎Example 2:TA-TFP-A3RA
 Input pulse number→100 pulse
 Input type→switch contact
 Output pulse number→100 pulse
 Output model→relay contact
 Aux.Power→AC/DC 18~60V

$$Fo=(100 \times 1)/(1 \times 1)=100 \text{ pulse}$$

