SST-7000
SST-7100

Speed Switch / Transmitter

- **Accepts 2 or 3-wire speed sensors**

- **0 - 50 KHz input frequency range**

- **4 – 20 mA output (isolated)**

- **0 – 5 / 0 – 10 VDC linear output**

- **50 msec relay response time (SST7100)**

- **Failed (open) pickup sensing**

- **Square wave repeater output**

- **10 – 36 VDC input supply power**

- **Available input isolation transformer**

- **PC programmable**

The SST-7000 series accepts a pulsed input and provides an extremely accurate 4 – 20 mA output representing speed of rotating machinery for a local panel meter or PLC analog input card. The SST-7100 also provides a quick relay response to over / under speed conditions. Applications include speed measurement & overspeed protection of industrial engines, turbomachinery and pumps.

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SPECIFICATIONS
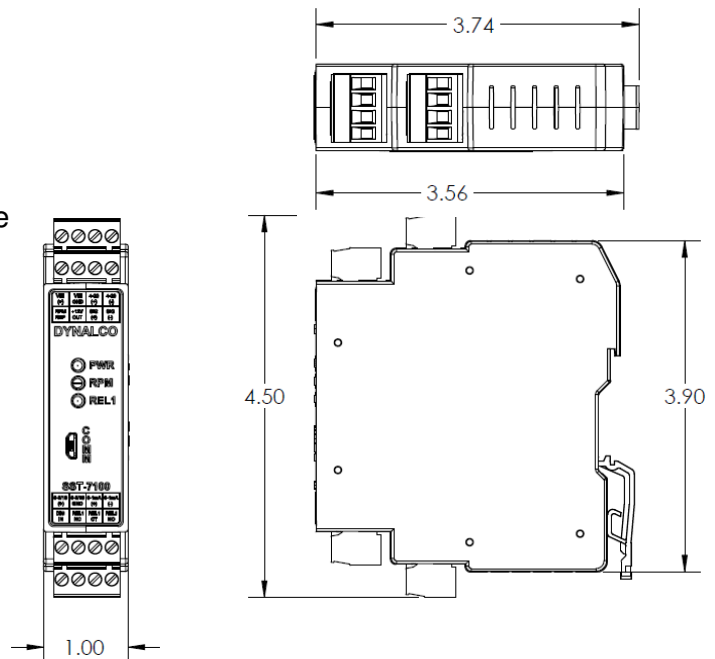
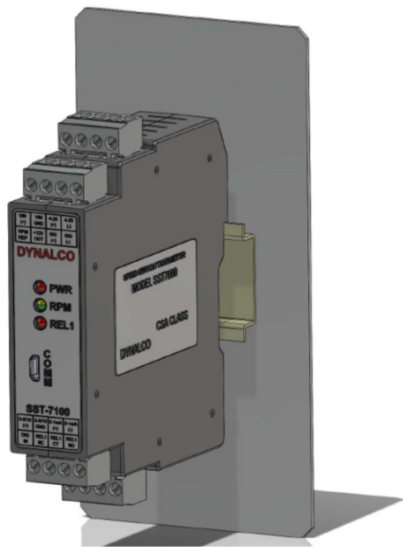**Electrical:**

Supply Voltage:	10 – 36 VDC, maximum 5 Watts

Input Types: 2-wire magnetic pickup (variable reluctance)
         Dynalco models M201, M202, M231, M233, M203, M204 & M205
         3-wire Hall-Effect
         Dynalco model M951
         3-wire amplified VR type
         Dynalco models M928 & M928-24

Input Sensitivity: 25 mV min – 50 VRMS max

Proportional Output: Fully isolated 4 – 20 mA (sourced)
         Plus 0 – 5 VDC or 0 – 10 VDC

Relay (SST-71000):   SPDT contacts rated 6 Amps at 28 VDC or 115 VAC

Mechanical:

DIN rail mount (standard 35 mm)

Removable connectors

Environmental:

-40 to +70 DegC operating temperature range

HOW TO ORDER

Specify part number as follows:

SST7000	transmitter only
SST7000-I	transmitter w/ isolated input
SST7100	transmitter / 1 setpoint
SST7100-I	transmitter / 1 setpoint w/ isolated input

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