

Absolute angle transducers

TA-270 Series



Description

The TA-270 series component is a potentiometric angle transducer that provides a **current** signal proportional to the angle measured.

Transducer with dampened oscillation that is easy and quick to install. It provides a good control with low hysteresis. It should be mounted on a flat level surface, to provide the datum point from which to measure the angle. It is used on cranes, crane trucks, aerial platforms and industrial vehicles with angle measuring functions.

The transducer is supplied with:

- 2-pin AMP SuperSeal 2 cable, 20-22 AWG terminal, 20 cm length
 - eyelet for ground connection
- 4 or 10 m extensions with AMP connectors are available.

Note: The user/installer is responsible for evaluating the values and, thus, the safety of the application.

Technical specifications

Power supply	9 to 30	Vdc
Max operating range	270	degrees
Resolution	0.5	degrees
Accuracy (include non linearity, hysteresis and repeatability)	±0.5 %	FS
Output	4 to 20	mA
Electrical protection	Polarity reversal and overload	-
Operating temperature	-20 to 70	°C
Connection cable	2-pin AMP SuperSeal, 20-22 AWG terminal	-
Standard protection grade	IP 66	-
Weight	0.25	kg
Mechanical fitting	left side ^(*)	-

Dimensions [mm]

