3500 RECIPROCATING COMPRESSOR MONITORING

Product Data Sheet

3500/72M 176449-08

reciprocating rod position monitor

FUNCTION	FAMILY	ORIGIN	WEIGHT
reciprocating rod position monitor	**3500 reciprocating compressor monitori**	**United States**	**0.82 kg**

3500 System 3500/72M 176449-08 is a reciprocating rod position monitor for the 3500 reciprocating compressor monitoring. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Input channels	One to four proximity signals
Input impedance	10 kohm
Nominal power consumption	7.7 W
Channel programming	Pairs 1-2 and 3-4
Transducer supply	-24 Vdc
Buffered output impedance	510 ohm
Rod-position peak-to-peak filter	1-600 Hz
Gap filter	-3 dB at 0.09 Hz
Vector measurement speed range	60-2130 cpm for 1X, 2X and Not 1X values
Standard minimum machine speed	60 rpm; lower-speed MOD required for 30 rpm

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Alarm setpoint accuracy	Within 0.13% of desired value
Alert delay	1-60 s in 1 s intervals
Operating temperature	-30 to +65 deg C standard I/O; 0 to +65 deg C barrier I/O
Storage temperature	-40 to +85 deg C
Rack allocation	One full-height front slot

03 OFFICIAL APPLICATIONS

- Reciprocating Compressors and Gas Booster Trains: Rod motion monitoring
- Process Compressors and High-Pressure Cylinder Units: Cylinder condition monitoring
- Fuel Gas Compressors and Auxiliary Reciprocating Units: Compressor protection monitoring

04 SYSTEM COMPATIBILITY

Match 3500/72M 176449-08 to the installed 3500 reciprocating compressor monitoring, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Bently Nevada official manufacturer documentation

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**