TM0180 PROXIMITY PROBE SYSTEMS

Product Data Sheet

TM0180-08-00-15-10-02

8 mm proximity probe

FUNCTION	FAMILY	ORIGIN	WEIGHT
8 mm proximity probe	**TM0180 Proximity Probe Systems**	**USA**	**Not specified**

PROVIBTECH TM0180-08-00-15-10-02 is a 8 mm proximity probe for the TM0180 Proximity Probe Systems. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Exact article number	TM0180-08-00-15-10-02
Probe thread and construction	M10×1 with armor
Unthreaded length	0 mm
Case length	150 mm
Total length	1.0 m
Product series	TM0180
Product class	Standard 8 mm proximity probe
Nominal probe diameter	8 mm
Probe temperature	-40 to +120 °C operating/storage
System linear range	0.25 to 2.25 mm

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

02 ADDITIONAL PRODUCT DATA

System sensitivity	7.87 mV/µm nominal
Frequency response	0 to 10 kHz
Minimum target size	15 mm diameter
Compatible extension cable	TM0181
Compatible probe driver	TM0182

03 OFFICIAL APPLICATIONS

- Rotating machinery vibration measurement: Shaft radial position and displacement monitoring
- Bearing condition and rotor alignment: Axial thrust position and phase reference monitoring
- Eccentricity and shaft bow monitoring: Polar and Bode diagnostic measurements

04 SYSTEM COMPATIBILITY

Match TM0180-08-00-15-10-02 to the installed TM0180 Proximity Probe Systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

PROVIBTECH 8mm, 5mm Proximity Probe TM0180 and TM0105 Systems

PROVIBTECH product catalog, printed pages 2-9

AMIKON PRODUCT SUPPORT

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