

AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

ProvibTech TM0180-08-00-15-10-02

Documented connection and selection summary

FAMILY	PROBE	DOCUMENT	SCOPE
TM0180	8 mm	Independent summary	See conditions

Qualified personnel only. This is a mounting and connection reference, not a complete wiring or commissioning procedure. Obtain the applicable controlled instructions before field work.

01

IDENTITY AND MOUNTING CHECKS

Complete identity	TM0180-08-00-15-10-02
Order-code basis	Standard TM0180 table, printed catalog p. 6
Mechanical match	M10 x 1; 150 mm case; 0 mm unthreaded length
Cable selection	1.0 m total probe length; connector supplied
Mounting boundary	Torque, installation gap and clearances are not established here

02

CONNECTION PREPARATION

- Match probe and extension cable to the documented 5 m or 9 m measuring path. Select the supported driver or transmitter configuration.
- Keep cable jackets and connector insulation intact. Use the documented connector protection to limit oil and dirt penetration.

03 DOCUMENTED CONNECTION REQUIREMENTS

TM0182 option condition	Printed p. 7 specifies the final -A option when the probe is used with a TM0182 driver. Confirm the actual order configuration before connection.
Other transmitters / monitors	The catalog says the final -A option is omitted for other transmitters or monitors. Some DTM / TR models eliminate the separate driver.
Monitor interconnection	Printed p. 2 specifies three-conductor shielded wiring from an external driver to a vibration monitor. Use the selected equipment's terminal instructions.
Exact identity boundary	Do not confuse a final -A with A08, or transfer the TM0182 driver suffix table to a TM0180 probe. Keep the supplied full order code unchanged.

04 SAFETY AND ACCEPTANCE BOUNDARIES

- Verify actual hazardous-area markings and applicable certificates. Catalog family approval listings are not proof of certification of the supplied unit.
- Do not derive installation gaps, trip settings or commissioning steps from system range data. Use controlled manufacturer and site procedures.

05 MANUFACTURER DOCUMENTATION

PVTVM: 8mm, 5mm Proximity Probe TM0180 and TM0105 Systems

Supplied manufacturer catalog: 8 PDF pages, printed pages 2-9. Printed pp. 2, 6-9 cover probe connections, standard ordering, the -A option, cables and drivers. No revision code is visible.

Independent Amikon summary. Apply only the configuration supported by the actual equipment and manufacturer documentation; this is not a certificate or a complete commissioning procedure.

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