

TQ902 PROXIMITY MEASUREMENT CHAIN

Product Data Sheet

TQ902-011 111-902-000-011 A1-B1-C40-D2-E5000-F0-G0-H05

TQ902 standard mount proximity sensor

FUNCTION	FAMILY	ORIGIN	WEIGHT
TQ902 standard mount proximity sensor	TQ902 proximity measurement chain	Switzerland	0.45 kg

Vibro-Meter TQ902-011 111-902-000-011 A1-B1-C40-D2-E5000-F0-G0-H05 is a TQ902 standard mount proximity sensor for the TQ902 proximity measurement chain. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Current transmission distance	Up to 1 km
Functional safety	SIL 2 according to IEC 61508
Sensor model	TQ902-011
Base article number	111-902-000-011
Measurement principle	Non-contact eddy current
Mounting form	Standard mount sensor
Supported measurement ranges	2 mm or 4 mm chain configuration
Frequency response	DC to 20 kHz at minus 3 dB
Sensor temperature range	Minus 40 to 180 °C
Sensor body material	Stainless steel

ADDITIONAL PRODUCT DATA

Sensor tip material	PPS engineering thermoplastic
System compatibility	EA902 and IQS900
Configuration code	A1-B1-C40-D2-E5000-F0-G0-H05
Total system code	H05
Monitoring platforms	VM600Mk2, VM600 and VibroSmart

OFFICIAL APPLICATIONS

- Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration
- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations
- Municipal Water and Industrial Wastewater Services: Municipal water treatment services; Industrial wastewater treatment operations

SYSTEM COMPATIBILITY

Match TQ902-011 111-902-000-011 A1-B1-C40-D2-E5000-F0-G0-H05 to the installed TQ902 proximity measurement chain, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Vibro-Meter official technical documentation for TQ902-011 111-902-000-011 A1-B1-C40-D2-E5000-F0-G0-H05](#)

Official manufacturer documentation retained in Manuals & support

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