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OMM-2C optical machine module



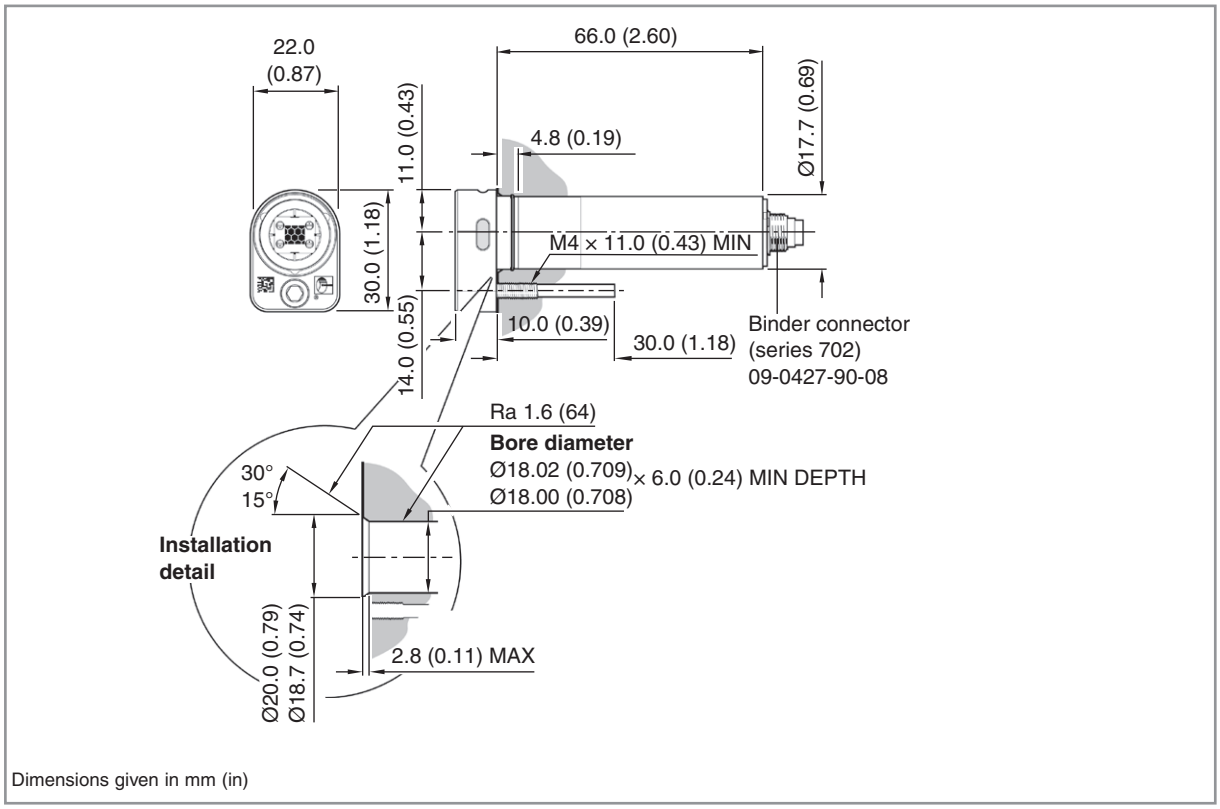
www.renishaw.com/omm-2c

Specification

Principal application	The OMM-2C transmits control signals to the probe and receives probe data signals for onward transmission to the OSI and CNC control.	
Transmission type	Infrared optical transmission (modulated)	
Probes per system	Up to three	
Compatible probes	OMP40-2, OMP40M, OLP40, OMP60, OMP60M, OMP400, OMP600 and OTS	
Operating range	Up to 3 m (9.8 ft)	
Weight (excluding cable)	with airblast	80 g (2.82 oz)
	without airblast	80 g (2.82 oz)
Cable (not supplied)	Specification	Ø4.75 mm (0.19 in), 12 core screened cable each core 7 × 0.1 mm
	Length	8 m (26.2 ft), 15 m (49.2 ft)
Mounting	Specifically designed for mounting in the machine spindle.	
Diagnostic LEDs	Start, error, active system and signal condition.	
Pneumatic supply	Ø3 mm (0.12 in) pneumatic fitting, 9 bar (130.5 psi) max. the air supply to the OMM-2C must conform to ISO 8573-1: Class 1.7.2.	
Environment	IP rating	IPX6 (EN/IEC 60529) [for product] IPX8 (EN/IEC 60529) [for glass window]
	IK rating	IK04 (EN/IEC 62262) [for glass window]
	Operating temperature	+5 °C to +55 °C (+41 °F to +131 °F)

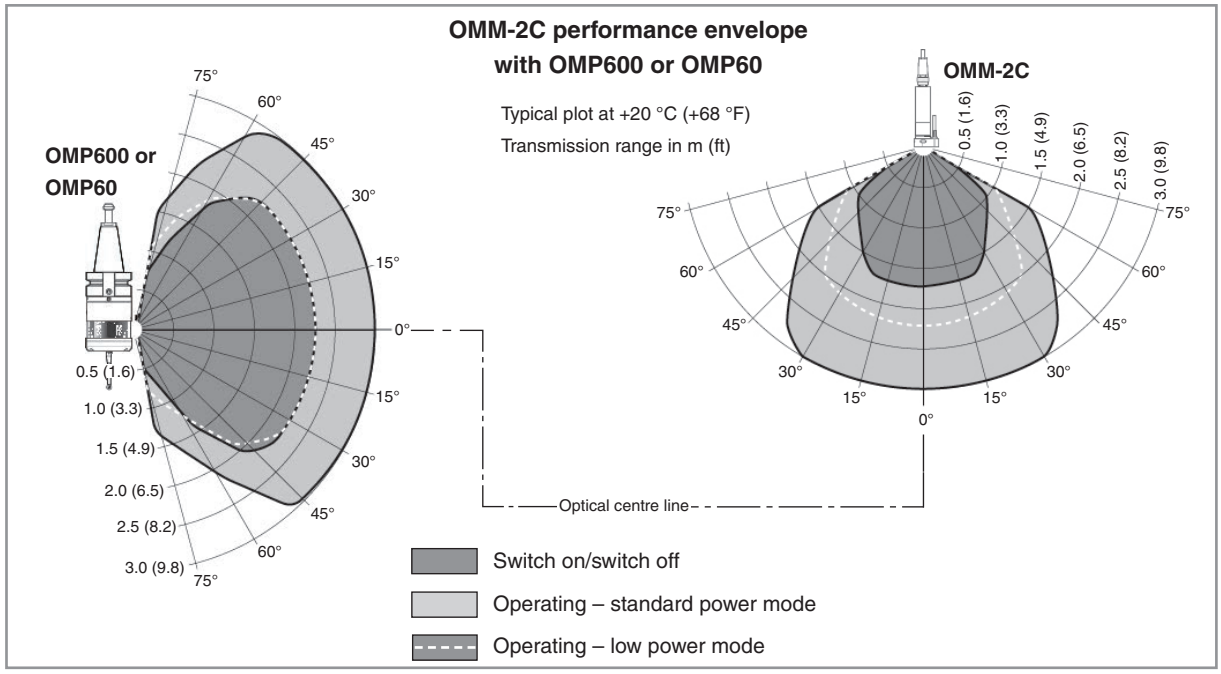
For further information and the best possible application and performance support please contact Renishaw or visit **www.renishaw.com/omm-2c**

OMM-2C dimensions

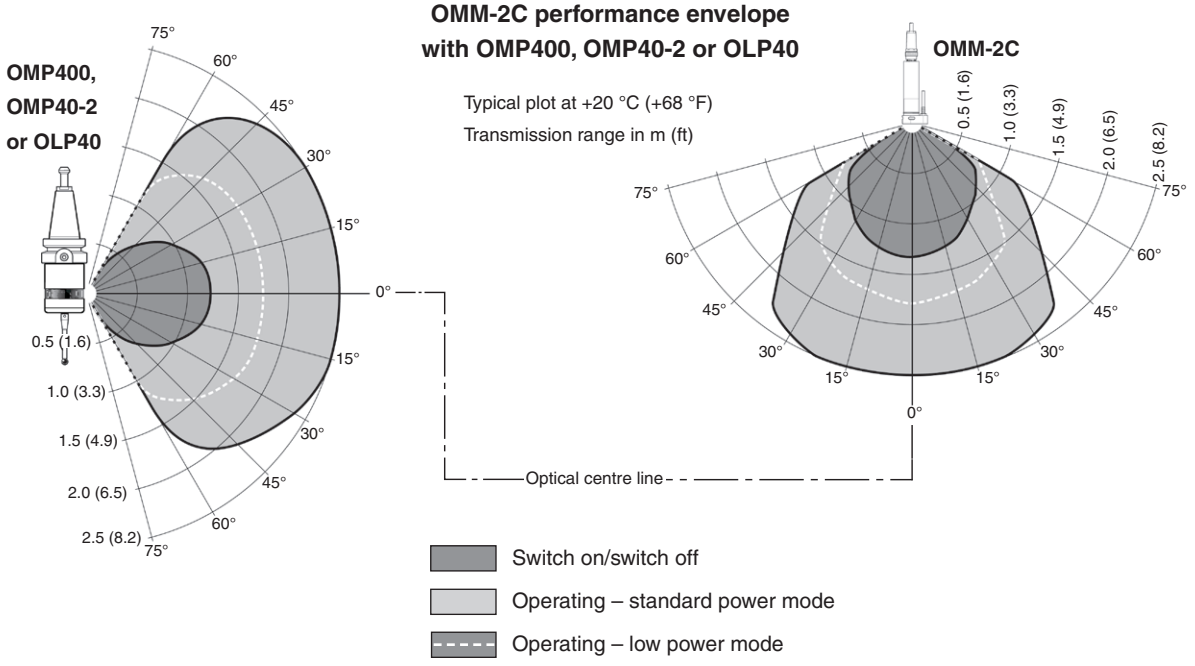


Dimensions given in mm (in)

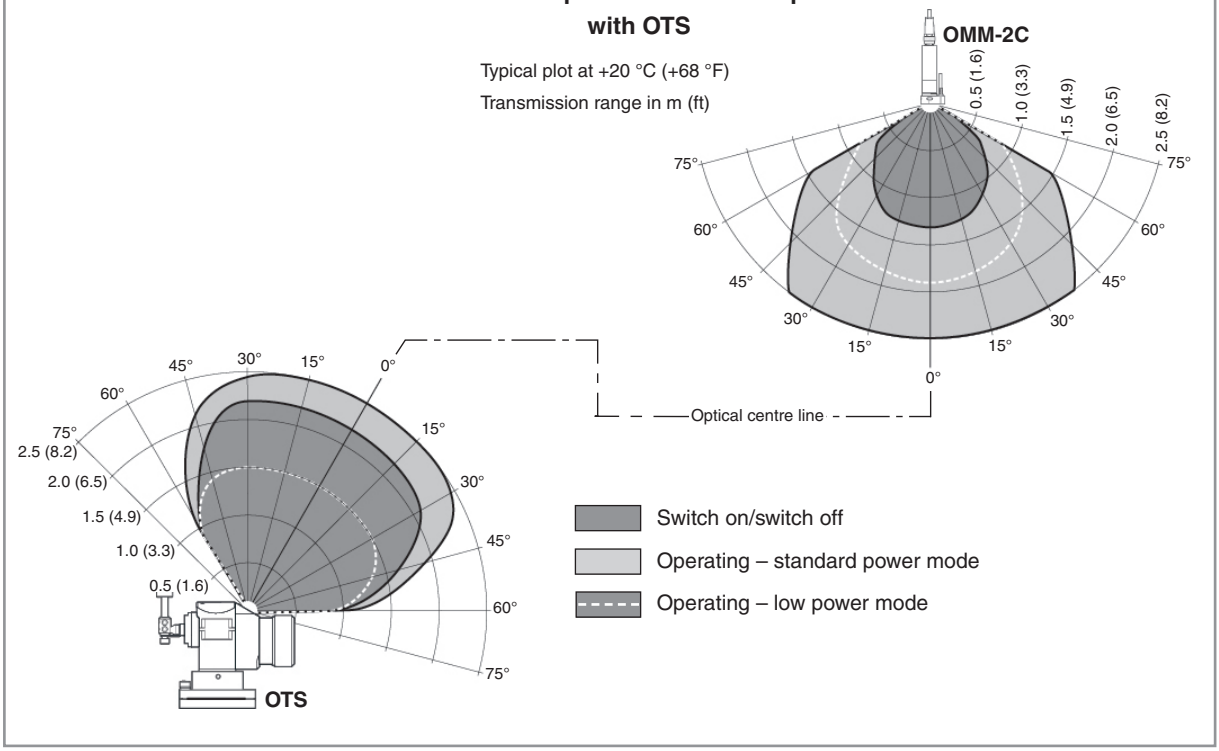
Performance envelopes



OMM-2C performance envelope with OMP400, OMP40-2 or OLP40



OMM-2C performance envelope with OTS



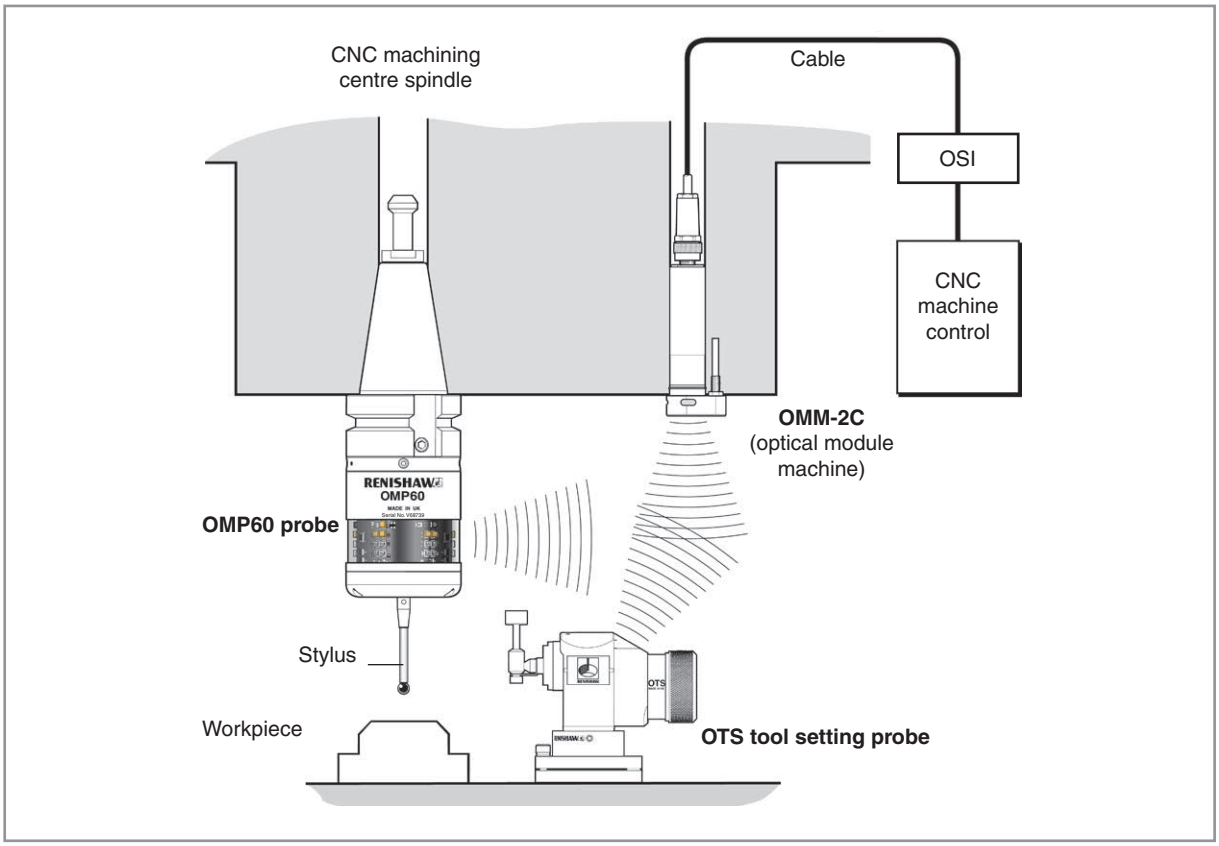
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Typical OMM-2C system



Spare parts and accessories

A full range of spare parts and accessories is available.
Please contact Renishaw for a full list.

For worldwide contact details, visit www.renishaw.com/contact

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