

VAISALA

Indigo520



G010015EN-G

		Sparepart	1	2	3	4	5	6	7	8	9	10
hardware	INDIGO520 Transmitter		INDIGO520									
	1 Display	Display	A									
		No Display ¹										
	2 Power Supply and Output	15...35VDC / 24VAC	I									
		Universal AC-Power (100...240 VAC), EUR Cord ³										
		Universal AC-Power (100...240 VAC), US Cord ³										
		Universal AC-Power (100...240 VAC), UK Cord ³										
		Universal AC-Power (100...240 VAC), JP Cord ³										
		Universal AC-Power (100...240 VAC), AUS Cord ³										
		Power Over Ethernet, PoE Ethernet, PoE+ 802.3at	7									
accessory	3 Module	Universal AC-Power (100...240 VAC)	8									
		Barometer Module 500...1100hPa Class A	A									
		No Module	N									
	4 Signal Cable Lead-through	Plugged Signal Cable Lead Throughs	0									
		Metal Cable Gland for 5-9 mm Cable	1									
		Plugged / NPT 1/2" Conduit Fitting	2									
		Metal Cable Glands for 5-9 mm Cables (2 pcs) ³										
		NPT 1/2" Conduit Fitting / NPT 1/2" Conduit Fitting	4									
		NPT 1/2" Conduit Fitting / Cable Gland (5-9 mm) ³										
		Split Seal Cable Gland / Plugged	6									
settings	5 Probe Cable Lead-through	Split Seal Cable Gland / Cable Gland (5-9 mm) ³										
		Split Seal Cable Gland / NPT 1/2" Conduit Fitting	8									
		Cable Gland Set, 2x all available lead-throughs, one cable gland (5-9 mm) pre-installed ³										
		Cable Gland, Metal M20x1.5/6mm, 10.0 - 14.0mm, 2pcs	A									
		Cable Gland, M20 4.0 - 9.0 mm 2pcs, and M20 plug + M20 10.0 - 14.0 mm gland ³										
		Cable Gland for One Probe	ASM21367SP									
		Cable Glands for Two Probes	B									
		Cable Gland 4-8mm for One POLARIS Connection Cable	C									
		Cable Glands 4-8mm for Two POLARIS Connection Cables	D									
		Plugged Probe Cable Lead Throughs	N									
settings	6 Probe Cable with M12-SF Connector	No Probe Cable	0									
		Probe Cable 1m	1									
		Probe Cable 3m	2									
		Probe Cable 5m	3									
		Probe Cable 10m	4									
		Probe Cable 1m, 2pcs	5									
		Probe Cable 3m, 2pcs	6									
		Probe Cable 5m, 2pcs	7									
		Probe Cable 10m, 2pcs	8									
		Probe Cable 0.2m	A									
settings	7 Mounting	Probe Cable 0.2m, 2pcs	B									
		Retrofit Mounting Plate for HMT330, DMT340, PTU300, MMT330	DRW252186SP									
		Combined delivery package for HMP7/7 probe and INDIGO520 transmitter IND500HMPCOMBO ⁵										
		Delivered installed into INDIGO500MIK Meteorological Installation Kit ⁶										
		Standard mounting kit	N									
	8 SW Configuration	Standard	A									
		Support for POLARIS process refractometers enabled	L									
		Custom	X									
	9 Documentation	Custom Label Text and Multilingual Quick Guide, please define (max 13 characters):	I									
		Multilingual Quick Guide	A									
settings	10 Additional Features											

Note:		Selections in bold are included in the prices of the basic versions.
		• Selections in <i>italic</i> are available at an extra price.
Links:		User guide Datasheet Technical drawing Vaisala.com product page Services (online store) Indigo Family Product Catalog

Related items	
M12 - M8 Cable, 1.5 m (Indigo80 connection cable)	
M8 - USB Service Cable (for connection to Insight software)	
Sintered Filter 12 x 20 (for barometer module)	
Retrofit mounting plate for HMT330, DMT340, PTU300, MMT330	
Pole Installation kit	
Outdoor installation kit (Weather shield)	
Spatter Guard for Indigo520	
Lead-through Set	
Dummy Plug MsNi, M20x1.5	
Cable Gland MsNi, M20x1.5 5-9mm	
Conduit Fitting, M20x1.5, NPT1/2	
Cable Gland MsNi, M20x1.5, split bushing (for use with ethernet cable)	
Dummy Plug MsNi, M16x1.5	
Probe Cable Gland MsNi, M16x1.5 2-6mm	
Probe connection cable, M12-SF - open wires, 0.3 m	
Probe connection cable, M12-SF - open wires, 1 m	
Probe connection cable, M12-SF - open wires, 3 m	
Probe connection cable, M12-SF - open wires, 5 m	
Probe connection cable, M12-SF - open wires, 10 m	
MHT410 connection cable, 10 m	
Refractometer connection cable, 10 m	
Probe extension cable, M12-SF - M12-5M, 1 m	
Probe extension cable, M12-SF - M12-5M, 3 m	
Probe extension cable, M12-SF - M12-5M, 5 m	
Probe extension cable, M12-SF - M12-5M, 10 m	
Probe extension cable, M12-SF - M12-5M, 1.5 m, Hygienic Design	
Probe extension cable, M12-SF - M12-5M, 3 m, Hygienic Design	
Probe extension cable, M12-SF - M12-5M, 5 m, Hygienic Design	
Probe extension cable, M12-SF - M12-5M, 10 m, Hygienic Design	
INDIGO500MIK SPH10 installation kit	

Part Number	
262195SP	
2196P0	
DRW010335SP	
DRW252186SP	
215108	
215109	
ASM214526	
ASM213814SP	
ASM213672SP	
ASM213670SP	
214780SP	
262632SP	
ASM213673SP	
ASM213671SP	
CBL210896-03MSP	
CBL210896-1MSP	
CBL210896-3MSP	
CBL210896-5MSP	
CBL210896-10MSP	
CBL210948-10MSP	
CBL211266-10M	
INDIGOCABLE1M	
INDIGOCABLE3M	
INDIGOCABLE5M	
INDIGOCABLE10M	
INDIGOCABLEHD1M5	
INDIGOCABLEHD3M	
INDIGOCABLEHD5M	
INDIGOCABLEHD10M	
IND500MIKPRESKIT	

Example of order code with typical settings:

	1	2	3	4	5	6	7	8	9	10
INDIGO520	A	I	N	I	A	I	N	A	A	N

Example of INDIGO500MIK with two probes (-HMP7 + TMP1) ²:

	1	2	3	4	5	6	7	8	9	10	11
HMPX	7	E	1	A	2	A	0	A	0	1	0
TMPIX	7	A	1	A	0	A	0	A	0	1	0
INDIGO520	A	7	A	6	B	E	M	A	A	0	1
INDIGO500MIK	6	3	N	1	A	0					

Example of IND500HMPCOMBO ¹:

	1	2	3	4	5	6	7	8	9	10	11
HMPX	3	A	1	A	0	A	0	A	0	2	0
INDIGO520	A	7	N	1	A	1	B	A	A	N	
IND500HMPCOMBO											

Selection 4: Signal Cable Lead-through

The two outer lead-throughs are intended for power and signal wiring as described in the [Indigo510, Indigo520 User Guide – Indigo500 transmitter parts](#). Bushings are installed on the transmitter with an M20x1.5 thread.

**Cable Gland
5...9mm**



**NPT ½" Conduit
Fitting**



**Split Seal
Cable Gland
for ethernet cable**



**Cable Gland
10...14mm**



0



1



2



3



4



5



6



7



8



9



A



G



¹ Option 0 is not recommended except for special cases.

² Options 9 and G also include additional fittings in an accessories bag.

IND500MIKPREKIT

Selection 5: Probe Cable Lead-through

The two inner lead-throughs are for connection cables to Indigo-compatible probes and devices. Probe cable glands are installed on the transmitter with an M16x1.5 thread.



³ Options C and D are for use with cable CBL211266 for connection to the PR53 Polaris Refractometers.

⁴ Option N is only recommended when using the Indigo520 as a standalone barometer.

Selection 6: Probe Cable

Probe cables include an M12-5F connector and are required for connection to Indigo compatible probes. See [Cables for Vaisala Industrial Instruments Datasheet](#).

Examples:

Left: INDIGO520-A³A3A1NAAN⁵

Right: INDIGO520-B¹N3B5NAAN⁵



⁵ Characters in grey are example selections and are not visible in the picture.

Additional examples of cable gland and conduit options can be found in the [Indigo510, Indigo520 User Guide – Cable gland and conduit options](#).

IND500MIKIPRESKIT