



131G1439

FC-202P11KT4E20H2XGXXXXXXXA0BYCXXXXDX

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[Customer Service Center](#)

- Frequency converter
- FC-202P11KT4E20H2XGXXXXXXXA0BYCXXXXDX
- VLT® AQUA Drive FC-202
- (P11K) 11 KW / 15 HP,
- Three phase, 380 - 480 VAC, (E20) IP20 / Chassis
- RFI Filter
- No brake chopper
- Graphical Loc. Cont. Panel
- Not coated PCB, No Mains Option
- Latest release std. SW.
- Frame: B3
- PROFIBUS DP MCA 101, MCO-101 Ext. Cascade Ctrl
- No C1 option, No D option

Other options according to Model code

Model code: FC-202P11KT4E20H2XGXXXXXXXA0BYCXXXXDX

Danfoss VLT® AQUA Drive is dedicated to water and wastewater applications. With a wide range of powerful standard and optional features, the VLT® AQUA Drive provides the lowest overall cost of ownership for water and wastewater applications.

[View Efficiency Data](#)

PRODUCT DETAILS

Gross weight		11.26 Kilogram
Net weight		10.24 Kilogram
Volume		42.336 Liter
EAN		5702427620315
Product View (Switch)	GLBL	Global (Standard)
Product Group	FC-	VLT® AQUA Drive FC-
Series	202	202
Power Rating	P11K	(P11K) 11 KW / 15 HP
Phase	T	Three phase
Mains Voltage	4	380 - 480 VAC
Enclosure	E20	(E20) IP20 / Chassis
RFI Filter	H2	RFI Filter
Brake - Safe Stop	X	No brake chopper
LCP	G	Graphical Loc. Cont. Panel
Coating PCB	X	Not coated PCB
Mains Option	X	No Mains Option
Adaptation A	X	Standard Cable Entries
Adaptation B	X	No adaptation
Software Release	SXXX	Latest release std. SW.

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PRODUCT DETAILS

Software Language Pack	X	Standard Language Pack
A Option	A0	PROFIBUS DP MCA 101
B Option	BY	MCO-101 Ext. Cascade Ctrl
C0 Option MCO	CX	No C0 option
C1 Option	X	No C1 option
C Option Software	XX	No software option
D Option	DX	No D option
Frame Size	B3	B3
Typecode Part 1		FC-202P11KT4E20H2XGX
Typecode Part 2		XXXXXXXA0BYCXXXXDX
Product Catalog	NO_VIEW	NO VIEW
Power 160% (HO) [KW]	7.5	7.5
Power 110% (NO) [KW]	11	11
Height [mm]	399,0	399,0
Width w/ no C options [mm]	165,0	165,0
Width w/ two C options [mm]	225,0	225,0
Depth [mm]	249,0	249,0
Depth with Option A/B [mm]	262,0	262,0
kVA	16.6	16.6
Power Loss NO [W]	392	392
Power Loss NO [W]	392	392
Power Loss HO [W]	291	291
Power Loss HO [W]	291	291
Continuous Current (NO) [A]	24	24
Intermittent Current (NO) [A]	26.4	26.4
Continuous Current (NO) [A]	21	21
Intermittent Current (NO) [A]	23.1	23.1
Continuous Current (HO) [A]	16	16
Intermittent Current (HO) [A]	25.6	25.6
Continuous Current (HO) [A]	14.5	14.5
Intermittent Current (HO) [A]	23.2	23.2
Calculated Gross Weight [kg]		11.26
Calculated Net Weight [kg]		10.24
ECCN EU	Y901	Y901
ECCN US	3A999.a	3A999.a
Vendor	ERR01	Cannot Determine Vendor
Recommended Factory	ERR01	Cannot Determine Vendor
Modelcode01		FC-202P11KT4E20H2XGX
Modelcode02		XXXXXXXA0BYCXXXXDX
Recommended Plant	ERR01	ERR01

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories



x10

130B7407 [🔗](#)
NEMA 1 Conversion Kit, Top, 10 pcs, B3



130B5764 [🔗](#)
Leakage Current Monitor Kit, B3



130B1254 [🔗](#)
VLT® Adv. Cascade Contr. MCO 102, ctd
 Upgrades the built-in cascade controller to control up to 8 pumps

- More advanced pump control in master / follower mode
- The same cascade management hardware applies to the entire power range up to 1.2 MW
- Up to 8 pumps in standard cascade control
- Up to 8 pumps in master / follower setup

Remember to order the Mounting kit if the above MCO option is required retrofitted.

130B7530 - Mounting kit for enclosures A2 and A3

130B1413 - Mounting kit for enclosure B3

130B7532 - Mounting kit for enclosure A5

130B7533 - Mounting kit for all enclosures B, C, D, E and F (B3excepted)

Danfoss MCO options are not sold without prior advice. Danfoss can offer help with programming / setting up MCO options. Contact Danfoss for advice and prices.

Product group: R

Image coming soon

130B1188 [🔗](#)
IP21 conversion kit, top, B3
 IP21 top cover for enclosure B3
 Product group: R1



130B1187 [🔗](#)
IP 21/Type 1 conversion kit, B3
 Cover for housing size B3 MCF 101 NEMA1 / IP21



130B1170 [🔗](#)
LCP Panel Mounting Kit
 The kit includes fasteners and gasket. No LCP and no cable included.



130B1208 [🔗](#)
1xMCB 107 24V DC coat w. mount. brackets
 Connect an external DC supply to keep the control section and any installed option alive during power failure. Enables full operation of the LCP (including the parameter setting) and all installed options without connection to mains.

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories

**130B1387** [🔗](#)**5x MCB107 24VDC no coat w.out mount brack****130B1164** [🔗](#)**VLT® Extended Relay Card MCB 113**

Adds 7 digital inputs and 2 analog outputs for increased flexibility. 4 SPDT relays. Meets NAMUR recommendations. Galvanic isolation capability.

**130B1124** [🔗](#)**VLT® Control Panel LCP 101, numeric**

Numerical control unit for FC 100 and FC 300. Allows access to all device parameters. Quick menu for brief commissioning. Manual / auto switchover and alarm acknowledgment.

**130B1117** [🔗](#)**LCP Mounting Kit, w/ no LCP**

The kit includes fasteners, 3m cable and gasket - There is no LCP included.

**130B1114** [🔗](#)**LCP Mounting Kit w/ numerical LCP101, 3m**

The kit includes numerical LCP, fasteners, 3m cable and gasket.

**130B1113** [🔗](#)**lcp panel kit/fc300 fg-lcp panel kit**

The kit includes graphical LCP, fasteners, 3m cable and gasket.

**130B1154** [🔗](#)**VLT® Adv. Cascade Contr. MCO 102, ctd**

Easy to fit. Upgrades built-in cascade controller to operate up to 8 pumps and provide more advanced pump control in master/follower mode. Supports combination of multiple variable speed and fixed speed pumps, as well as configurations with pumps of differing capacity (mixed pump control). The additional 7 digital inputs and the 24-V DC connection to the drive enable flexible adaptation to the application. The same cascade controller hardware is compatible with the entire power range up to 2 MW.

**130B1077** [🔗](#)**Blindcover, w/ Danfoss logo, IP55/66**

LCP Blindcover IP66

**130B1071** [🔗](#)**6 Pole Connector, FC series, 10 pcs**

6-pole spring cage connectors 10 pcs

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Accessories



130B1070 [🔗](#)
RS485 plug, FC series, 10 pcs
 10pcs RS485 connectors for FC-series.
 Product group: R



130B1108 [🔗](#)
VLT® 24V DC Supply MCB 107, uncoated
 Connect an external DC supply to keep the control section and any installed option alive during power failure. Enables full operation of the LCP (including the parameter setting) and all installed options without connection to mains.



130B1107 [🔗](#)
VLT® Control Panel LCP 102
 Graphic operating unit LCP102 Illuminated graphic display with plain text. Supports all languages and characters. Quick menu for brief commissioning. Saving and copying parameter sets. Online help for each function



130B1088 [🔗](#)
LCP Blindcover, w/ Danfoss logo, IP20/21



130B1414 [🔗](#)
Mounting Kit f. C Option , 60mm, B3
 MCF 105 mounting kit for FC 302 C option B3 (60mm)



130B1413 [🔗](#)
Mounting Kit f. C Option, 40mm, B3
 Mounting kit for FC 302, C options, Case size B3 (40mm)



175Z0929 [🔗](#)
LCP Cable, 3m
 Cable for control panel (LCP), 3 meters Works with the following LCP:
 Alphanumeric control panel LCP3 - 175N0131
 VLT® LCP 102 Graphic Display - 130B1107
 VLT® LCP 101 Numeric Display - 130B1124
 VLT® LCP 102 Graphic display IP66 - 130B1078
 Product group: F1



175U0009 [🔗](#)
Mounting bracket Kit, 216 x 30 x 18mm
 Mounting angle for flatpack resistor 200W

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Accessories

**175N2584** [🔗](#)**VLT® EtherNet/IP Modbus TCP gateway**Image
coming
soon**134B5225** [🔗](#)**Remote LCP unit, 10m**

Remote mounting kit for LCP with cover for outdoor mounting with 10 m (33 ft) cable

Image
coming
soon**134B5224** [🔗](#)**Remote LCP unit, 5m**

Remote mounting kit for LCP with cover for outdoor mounting with 5 m (16 ft) cable

**134B5223** [🔗](#)**Remote LCP unit, 3m**

Remote mounting kit for LCP with cover for outdoor mounting with 3 m (10 ft) cable

Image
coming
soon**134B1992** [🔗](#)**Control Terminals w/ screw connections****130B0295** [🔗](#)**sparepart/terminals accessory bag****134B1979** [🔗](#)**Accessory bag for framesize B3**

Accessory bag for framesize B3

Image
coming
soon**130B4847** [🔗](#)**extension cable for lcp+communication****134B8492** [🔗](#)**Transducer 0-10g, 4-20mA; HS-22B50****134B8493** [🔗](#)**Transducer 0-25mm/s RMS 4-20mA**

CBM Transducer 0-25mm/s RMS 4-20mA

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Accessories

**134B8494** [🔗](#)**Transducer w, temp 0-25mm/s RMS 4-20mA****134B8496** [🔗](#)**CABLE ASSY 10M, STRAIGHT SOCKET CONNETC.**Image
coming
soon**134B8497** [🔗](#)**Cable assy, M12 female connec.10m screen**Image
coming
soon**134B6883** [🔗](#)**VLT Progr. Contr. MCB 301, coated****134B9414** [🔗](#)**Antifreeze Thermostat FS20, 0/+15C****TWO-PHASE FROST PROTECTION THERMOSTATS FS-20-UW**

Electronic frost protection thermostat or frost monitor with switching relay output, continuous temperature and valve output (summation output 0–10 V) and control and cascading output (0–10 V), optionally with connection for a heating element. A IP65 resistant plastic housing with display with the actual temperature, measuring range, overrange/underrange of the set switch point (frost protection temperature) and alarm indicator for "frost" or "error" (capillary breakage, overvoltage/undervoltage), quick locking screws and a fully active sensor rod made of copper. The delivery scope includes a set of MK-05-K mounting clamps for expert attachment of the sensor rod.

Measuring range: 0...+15 °C / 32...+59 °F

Accuracy: typical ± 1 K (at +10 °C)

Sensor type: 3m Copper rod active along the entire sensor length, min. response length of 25 cm

Input: 1 x 0 -10 V control input DDC 1 x 0 -10 V output valve (frost signal with control voltage and cascading) 1 x potential-free changeover contact (24 V), range of adjustment 0...+ 15 °C

Current consumption: max. 100 mA at 24 V DC Load resistance: RL > 50 kOhm

Ambient temperature: –15...+50 °C / 5...+122 °F (Housing) –20...+60 °C / –4...+140 °F Sensor and capillary tube > 20 cm from the housing.

Power: 24VAC/DC (± 10%) 24DC < 2,4W T2-IP65 plastic housing with three-line display 70x40 mm (WxH), a M16 cable glands and MK-05-K mounting clamps.

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

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Accessories

**134B9413****Airflow Sensor KLQ CO2 & Air Quality**

DUCT AIR QUALITY (VOC) AND CO2 SENSOR KLQ-CO2-MB

Maintenance-free duct sensor covering air quality (VOC 0...100 %), carbon dioxide (CO2 0...5000 ppm) and atmospheric pressure (hPa). The air quality is detected by a VOC sensor (mixed gas sensor for volatile organic substances) and include an automatic calibration. It determines the loading of the room air due to contaminated gases such as cigarette smoke, body perspiration, exhaled breathing air, solvent vapors, emissions etc. The air contamination can be selected into different sensitivity ranges as low, medium or high. The CO2 measurement is performed using an optical NDIR sensor (non-dispersive infra-red technology), and the detection range is calibrated for standard applications such as monitoring residential rooms and conference rooms. A microprocessor-controlled solution with factory sensor calibration, Modbus RTU connection in a resistant IP65 plastic housing with mounting flange, quick-locking screws and two M16 cable gland for cable connection. International SI units (default) can be changed to imperial (via Modbus).

VOC Sensor: Volatile Organic Compounds sensor (metal oxide) with automatic calibration
 VOC measuring range: 0...100 % air quality; referred to calibrating gas temperature dependence: ± 5 ppm pro °C or $\pm 0,5$ % of measured value pro °C (whichever is higher) pressure dependence: ± 0.13 % per mm Hg

Medium: clean air and non-aggressive, non-combustible gases

Power: 24VAC/DC ($\pm 10\%$) 24DC <1,6W

Operation temperature: $-10...+60$ °C / $14...+140$ °F T2-IP65 plastic housing two M20 cable glands

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

**134B9412****Airflow Sensor TF65 PT1000 Temperature**

DUCT TEMPERATURE SENSOR TF 65

The TF 65 temperature measuring transducer is a PT1000 class B resistance sensor with passive output. Measuring range from $-30...+150$ °C. In a resistant IP67 plastic housing and M16 cable gland for cable connection and a straight protective measuring tube and a mounting flange.

Sensor type: PT1000 class B (DIN EN 60751) 1000ohm at 0°C $\pm 0,3$ K

Measuring range: $-30...+150$ °C / $-22...+302$ °F

Ambient temperature: $-20...+100$ °C / $-4...+212$ °F

Testing current: < 0.6 mA

Insulating resistance: 100 M#, at +20 °C (500V DC)

Connection type: 2-wire connection

Measuring tube: stainless steel, V4A (1.4571), \varnothing 6 mm, inserted length = 300 mm / 11.8 in T1-IP67 plastic housing with a M16 cable glands and a mounting flange.

Housing dimensions: 72 x 64 x 37.8 mm / 2.83 x 2.52 x 1.49 in

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Accessories

**134B9411** [🔗](#)**Wall Sensor AFTF Temp & Humidity**

ON-WALL- HUMIDITY- AND TEMPERATURE SENSORS AFTF-MB

Calibratable outside humidity and temperature sensor AFTF, detect the relative humidity (0...100% RH) and the temperature (-35...+80 °C), including various parameters in the humidity measurement. Applied in clean air and non-aggressive, dust-free environment. With a Modbus connection in a resistant IP65 plastic housing and M20 cable gland for cable connection, with quick-locking screws and an exchangeable plastic sinter filter. International SI units (default) can be changed to imperial (via Modbus).

Measuring range: 0...100 % RH (humidity) / - 35...+80 °C (temperature)

Medium: clean air and non-aggressive, non-combustible gases
 Deviation, humidity: typical ± 2.0 % (20...80 % RH) at +25 °C, otherwise ± 3.0 % Deviation,
 temperature: typical ± 0.4 K at +25 °C / ± 77 °F

Zero point offset: ± 10 % RH (humidity) / ± 5 °C (temperature)

Power: 24VAC ($\pm 20\%$) / 15...36VDC - 24DC <1,2W

Operation temperature: -30...+70 °C / -22...+158 °F T3-IP65 plastic housing with two M20 cable glands

Housing dimensions: 108 x 78.5 x 43.3 mm / 4.25 x 3.1 x 1.7 in

**134B9410** [🔗](#)**Wall Sensor ATM2 Temperature**

OUTSIDE / WET ROOM TEMPERATURE SENSOR ATM2-MB

Calibratable outside temperature sensor ATM2, PT1000 measure temperature (-50...+150 °C), with Modbus RTU connection, in a resistant IP65 plastic housing with quick-locking screws and M20 cable gland for cable connection. International SI units (default) can be changed to imperial (via Modbus).

Sensor type: PT1000 class B (DIN EN 60751)

Measuring range: - 50...+150°C /-31... +176°F

Deviation: typical ± 0.2 K at +25 °C / ± 77 °F

Zero point offset: ± 10 °C / ± 50 °F

Ambient temperature: Measuring transducer -30...+70 °C /-22... +158°F

Medium: clean air and non-aggressive, non-combustible gases

Power: 24VAC ($\pm 20\%$) / 15...36VDC - 24DC <1,2W

Operation temperature: -30...+70 °C / -22...+158 °F T3-IP65 plastic housing with two M20 cable glands

Housing dimensions: 108 x 78.5 x 43.3 mm / 4.25 x 3.1 x 1.7 in

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Accessories

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134B9409 [↗](#)

Airflow Sensor 8147 Temp&Humidity&7000Pa

DUCT HUMIDITY-, TEMPERATURE- AND PRESSURE SENSORS ±7000PA-MB

Maintenance-free duct sensor covering humidity, temperature and pressure in one transducer. Microprocessor-controlled with Modbus RTU connection in a resistant IP65 plastic housing with quick-locking screws and M16 cable gland for cable connection. Including mounting flange to detect the relative humidity (0...100% RH) and the temperature (-35...+80 °C) inside a tube, with an exchangeable plastic sinter filter. A differential air pressure (max. ± 7000 Pa) with connection nozzles for pressure hose (Ø 6 mm). The duct sensor is applied in a non-aggressive and dust-free environment and is suitable for installation in ceilings, ducts and devices. International SI units (default) can be switched to Imperial (via Modbus).

Measuring range: 0...100 % RH (humidity) / - 35...+80°C / -31... +176°F (temperature)

Medium: clean air and non-aggressive, non-combustible gases Deviation,

humidity: typical ± 2.0 % (20...80 % RH) at +25°C/+77°F, otherwise ± 3.0 % Deviation,

temperature: typical ± 0.2 K at +25 °C / ± 0.4 °F at +77 °F Pressure range: ± 7000 Pa

Accuracy: 7000 Pa/28 inWC: typical ± 105 Pa at +25 °C / ± 0.12 inWC at + 77 °F Above- #

below-pressure: max. ± 50 kPa

Power: 24VAC (± 20%) / 15...36VDC - 24DC <0,2W

Operation temperature: -30...+70 °C / -22...+158 °F Media temperature -20...+50 °C / -4...+122 °F

IP65 plastic housing two M16 cable glands

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

Image
coming
soon

134B9408 [↗](#)

Airflow Sensor 8148 Temp&Humidity&500Pa

DUCT HUMIDITY-, TEMPERATURE- AND PRESSURE SENSORS ±500PA-MB

Maintenance-free duct sensor covering humidity, temperature and pressure in one transducer. Microprocessor-controlled with Modbus RTU connection in a resistant IP65 plastic housing with quick-locking screws and M16 cable gland for cable connection. Including mounting flange to detect the relative humidity (0...100% RH) and the temperature (-35...+80 °C) inside a tube, with an exchangeable plastic sinter filter. A differential air pressure (max. ± 500 Pa) with connection nozzles for pressure hose (Ø 6 mm). The duct sensor is applied in a non-aggressive and dust-free environment and is suitable for installation in ceilings, ducts and devices. International SI units (default) can be switched to Imperial (via Modbus).

Measuring range: 0...100 % RH (humidity) / - 35...+80°C / -31... +176°F (temperature)

Medium: clean air and non-aggressive, non-combustible gases Deviation,

humidity: typical ± 2.0 % (20...80 % RH) at +25°C/+77°F, otherwise ± 3.0 % Deviation,

temperature: typical ± 0.2 K at +25 °C / ± 0.4 °F at +77 °F

Pressure range: ± 500 Pa

Accuracy: 500 Pa/2.0 inWC: typical ± 13 Pa at +25 °C / ± 0.05 inWC at + 77 °F Above- #

below-pressure: max. ± 50 kPa Power: 24VAC (± 20%) / 15...36VDC - 24DC <0,2W

Operation temperature: -30...+70 °C / -22...+158 °F

Media temperature -20...+50 °C / -4...+122 °F IP65 plastic housing two M16 cable glands

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

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Accessories

**134B9407** [🔗](#)**Airflow Sensor KFTF Temp & Humidity**

DUCT HUMIDITY- AND TEMPERATURE SENSORS KFTF-MB

Calibratable duct humidity and temperature sensor KFTF-T3 ($\pm 2.0\%$) with Modbus RTU connection, in a resistant IP65 plastic housing with quick- locking screws and M16 cable gland for cable connection and a plastic sinter filter (exchangeable). Including mounting flange to detect the relative humidity (0...100% RH) and the temperature ($-35...+80\text{ }^{\circ}\text{C}$) inside a tube, including various parameters in the humidity measurement. The duct sensor is applied in a non-aggressive and dust-free environment and is suitable for installation in ceilings, ducts and devices. International SI units (default) can be switched to Imperial (via Modbus).

Measuring range: 0...100 % RH (humidity) / $-35...+80\text{ }^{\circ}\text{C}$ (temperature)

Medium: clean air and non-aggressive, non-combustible gases Deviation, humidity: typical $\pm 2.0\%$ (20...80 % RH) at $+25\text{ }^{\circ}\text{C}$, otherwise $\pm 3.0\%$ Deviation,

temperature: typical $\pm 0.2\text{ K}$ at $+25\text{ }^{\circ}\text{C}$ Zero point offset: $\pm 10\%$ RH (humidity) / $\pm 5\text{ }^{\circ}\text{C}$ (temperature)

Power: 24VAC ($\pm 20\%$) / 15...36VDC - 24DC <1,2W

Operation temperature: $-30...+70\text{ }^{\circ}\text{C}$ / $-22...+158\text{ }^{\circ}\text{F}$ T3-IP65 plastic housing with two M20 cable glands

Housing dimensions: 108 x 78.5 x 43.3 mm / 4.25 x 3.1 x 1.7 in

**134B9406** [🔗](#)**Pressure Sensor 7227 2x7000Pa, Analog**DUAL AIR PRESSURE SENSOR $\pm 7000\text{ Pa}$ $\pm 7000\text{ Pa}$, ANALOGUE

Dual pressure transmitter with 2x8 switchable measuring ranges and 2 automated analogue output signals in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose ($\varnothing 6\text{ mm}$) and a M16 cable gland for cable connection. The pressure measuring transducer automatically detects the required output type and converts the measurands into the required standard signal of 0-10 V or 4...20 mA.

Pressure range selection: $\pm 7000\text{ Pa}$ - 0...1000Pa / 2000Pa / 3000Pa / 5000Pa / 7000Pa

Accuracy: 7000 Pa typical $\pm 105\text{ Pa}$

Zero point offset: $\pm 10\%$ of measuring range

Above- # below-pressure: max. $\pm 50\text{ kPa}$

Power: 24VAC/DC ($\pm 10\%$) <1,3W,

Output: automatically switching 0 -10 V # 4...20 mA

Working resistance: R_a (ohms) = 25...450 Ohm (at I output)

Load resistance: R_L > 15 kOhm (at U output)

Operation / Media temperature: $-20...+50\text{ }^{\circ}\text{C}$ / $-4...+122\text{ }^{\circ}\text{F}$

T2-IP65 plastic housing with one M16 cable gland

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

For more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories

**134B9405****Pressure Sensor 7229 500/7000Pa, Analog**DUAL AIR PRESSURE SENSOR $\pm 500\text{Pa}$ $\pm 7000\text{Pa}$, ANALOGUE

Dual pressure transmitter with 2x8 switchable measuring ranges and 2 automated analogue output signals in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose (\varnothing 6 mm) and a M16 cable gland for cable connection. The pressure measuring transducer automatically detects the required output type and converts the measurands into the required standard signal of 0–10 V or 4...20 mA.

Pressure range selection: $\pm 500\text{ Pa} - 0 \dots 100\text{Pa} / 200\text{Pa} / 300\text{Pa} / 500\text{Pa}$ Pressure range selection: $\pm 7000\text{ Pa} - 0 \dots 1000\text{Pa} / 2000\text{Pa} / 3000\text{Pa} / 5000\text{Pa} / 7000\text{Pa}$ Accuracy: 500 Pa typical $\pm 13\text{ Pa}$ Accuracy: 7000 Pa typical $\pm 105\text{ Pa}$ Zero point offset: $\pm 10\%$ of measuring rangeAbove- # below-pressure: max. $\pm 50\text{ kPa}$ Power: 24VAC/DC ($\pm 10\%$) <1,3W,

Output: automatically switching 0 -10 V # 4...20 mA

Working resistance: R_a (ohms) = 25...450 Ohm (at I output)Load resistance: R_L > 15 kOhm (at U output)Operation / Media temperature: $-20 \dots +50\text{ }^\circ\text{C} / -4 \dots +122\text{ }^\circ\text{F}$

T2-IP65 plastic housing with one M16 cable gland

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

**134B9404****Pressure Sensor 7225 2x500Pa, Analog**DUAL AIR PRESSURE SENSOR $\pm 500\text{Pa}$ $\pm 500\text{Pa}$, ANALOGUE

Dual pressure transmitter with 2x8 switchable measuring ranges and 2 automated analogue output signals in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose (\varnothing 6 mm) and a M16 cable gland for cable connection. The pressure measuring transducer automatically detects the required output type and converts the measurands into the required standard signal of 0–10 V or 4...20 mA.

Pressure range selection: $\pm 500\text{ Pa} - 0 \dots 100\text{Pa} / 200\text{Pa} / 300\text{Pa} / 500\text{Pa}$ Accuracy: 500 Pa typical $\pm 13\text{ Pa}$ Zero point offset: $\pm 10\%$ of measuring rangeAbove- # below-pressure: max. $\pm 50\text{ kPa}$ Power: 24VAC/DC ($\pm 10\%$) <1,3W,

Output: automatically switching 0 -10 V # 4...20 mA

Working resistance: R_a (ohms) = 25...450 Ohm (at I output)Load resistance: R_L > 15 kOhm (at U output)Operation / Media temperature: $-20 \dots +50\text{ }^\circ\text{C} / -4 \dots +122\text{ }^\circ\text{F}$

T2-IP65 plastic housing with one M16 cable gland

Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

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Accessories

**134B9402** [🔗](#)**Pressure Sensor 7247T 2x7000PPa & PT1000**

DUAL AIR PRESSURE SENSOR ± 7000 Pa Temperature drift: ± 0.1 % per $^{\circ}\text{C}$ # $^{\circ}\text{F}$
Zero point offset: ± 10 % of measuring range
Above- # below-pressure: max. ± 50 kPa / ± 200 inWC
Power: 24VAC ($\pm 20\%$) <0,2W / 15...36VDC
Operation temperature: $-30...+70$ $^{\circ}\text{C}$ / $-22...+158$ $^{\circ}\text{F}$
Media temperature $-20...+50$ $^{\circ}\text{C}$ / $-4...+122$ $^{\circ}\text{F}$
T2-IP65 plastic housing with two M16 cable glands one M12 for temperature
Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

**134B9401** [🔗](#)**Pressure Sensor 7249T 500/7000Pa & PT1000**

DUAL AIR PRESSURE SENSOR ± 500 Pa Temperature drift: ± 0.1 % per $^{\circ}\text{C}$ # $^{\circ}\text{F}$
Zero point offset: ± 10 % of measuring range
Above- # below-pressure: max. ± 50 kPa / ± 200 inWC
Power: 24VAC ($\pm 20\%$) <0,2W / 15...36VDC
Operation temperature: $-30...+70$ $^{\circ}\text{C}$ / $-22...+158$ $^{\circ}\text{F}$
Media temperature $-20...+50$ $^{\circ}\text{C}$ / $-4...+122$ $^{\circ}\text{F}$
T2-IP65 plastic housing with two M16 cable glands one M12 for temperature
Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

**134B9400** [🔗](#)**Pressure Sensor 7245T 2x500Pa & PT1000**

DUAL AIR PRESSURE SENSOR ± 500 Pa Temperature drift: $\pm 0.1\%$ per $^{\circ}\text{C}/^{\circ}\text{F}$
Zero point offset: ± 10 % of measuring range
Above-/below-pressure: max. ± 50 kPa / ± 200 inWC
Power: 24VAC ($\pm 20\%$) <0,2W / 15...36VDC
Operation temperature: $-30...+70$ $^{\circ}\text{C}$ / $-22...+158$ $^{\circ}\text{F}$
Media temperature $-20...+50$ $^{\circ}\text{C}$ / $-4...+122$ $^{\circ}\text{F}$
T2-IP65 plastic housing with two M16 cable glands one M12 for temperature
Housing dimensions: 126 x 90 x 50 mm / 4.96 x 3.54 x 1.97 in

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