



131H2472

FC-102P11KT4E55H1XGXXXXXXXAXBPCXXXXDX

Frequency Converter
 FC-102P11KT4E55H1XGXXXXXXXAXBPCXXXXDX
 VLT® HVAC Drive FC-102
 (P11K) 11 KW / 15 HP,
 Three phase, 380 - 480 VAC, IP55 / Type 12
 (H1) RFI Class A1/B (C1)
 No brake chopper
 Graphical Loc. Cont. Panel
 Not coated PCB, No Mains Option
 Latest release std. SW.
 Frame: B1
 No A Option, MCB-105 Relay Card
 No C1 option, No D option

Other options according to Model Code

Model code: FC-102P11KT4E55H1XGXXXXXXXAXBPCXXXXDX

Danfoss VLT® HVAC Drive FC-102 Drive is dedicated to ventilation, heating, and refrigeration applications. With a wide range of powerful standard and optional features, the Drive provides the lowest overall cost of ownership.

[View Efficiency Data](#)

PRODUCT DETAILS

| | | |
|-------------------------------|------|----------------------------|
| Gross weight | | 24.47 Kilogram |
| Net weight | | 20.85 Kilogram |
| Volume | | 105.71 Liter |
| EAN | | 5702427527423 |
| Product View (Switch) | GLBL | Global (Standard) |
| Product Group | FC- | VLT® HVAC Drive FC- |
| Series | 102 | 102 |
| Power Rating | P11K | (P11K) 11 KW / 15 HP |
| Phase | T | Three phase |
| Mains Voltage | 4 | 380 - 480 VAC |
| Enclosure | E55 | IP55 / Type 12 |
| RFI Filter | H1 | (H1) RFI Class A1/B (C1) |
| 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. |
| Software Language Pack | X | Standard Language Pack |
| A Option | AX | No A Option |
| B Option | BP | MCB-105 Relay Card |
| C0 Option MCO | CX | No C0 option |
| C1 Option | X | No C1 option |

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Product Detail | FC-102P11KT4E55H1XGXXXXXXXAXBPCXXXXDX

PRODUCT DETAILS

| | | |
|--------------------------------------|---------|-------------------------|
| C Option Software | XX | No software option |
| D Option | DX | No D option |
| Frame Size | B1 | B1 |
| Product Catalog | NO_VIEW | NO VIEW |
| Typecode Part 1 | | FC-102P11KT4E55H1XGX |
| Typecode Part 2 | | XXXXXXXAXBPCXXXXDX |
| Power 110% (NO) [KW] | 11 | 11 |
| Height [mm] | 494,0 | 494,0 |
| Width w/ no C options [mm] | 243,0 | 243,0 |
| Depth [mm] | 261,0 | 261,0 |
| Depth with Option A/B [mm] | 261,0 | 261,0 |
| kVA | 16.6 | 16.6 |
| Power Loss NO [W] | 278 | 278 |
| Power Loss NO [W] | 278 | 278 |
| 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 |
| Calculated Gross Weight [kg] | | 24.47 |
| Calculated Net Weight [kg] | | 20.85 |
| ECCN EU | Y901 | Y901 |
| ECCN US | 3A999.a | 3A999.a |
| Vendor | ERR01 | Cannot Determine Vendor |
| Recommended Factory | ERR01 | Cannot Determine Vendor |
| Modelcode01 | | FC-102P11KT4E55H1XGX |
| Modelcode02 | | XXXXXXXAXBPCXXXXDX |
| Recommended Plant | ERR01 | ERR01 |

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

Accessories

**130B3383** [🔗](#)**Back plate IP21/Type 1, IP55/Type 12, B1**

FC 300 back cover for the devices in IP21 / 55 Housing size B1

**130B4598** [🔗](#)**Weather shield f. outdoor instl A4 to B2**

Weather shield for enclosure sizes A4, A5, B1, B2

**130B7533** [🔗](#)**Mounting Kit C Option, B/C/D/E/F(not B3)**

MCF105 C Option, Mounting Kit A2 and A3

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Accessories

**130B5436** [🔗](#)**Side Fixture Mounting Kit**

Side Fixture Mounting Kit for enclosure size A5 / B1 / B2 / C1 / C2 To be used when retrofitting the following MCA options:

MCA 120 Profinet
MCA 121 EtherNet
MCA 122 Modbus TCP
MCA 123 POWERLINK
MCA 124 EtherCAT
Product group: R1

**130B5435** [🔗](#)**DIN Rail Mounting Kit****130B1170** [🔗](#)**LCP Panel Mounting Kit**

The kit includes fasteners and gasket. No LCP and no cable included.

**130B1387** [🔗](#)**5x MCB107 24VDC no coat w.out mount brack****130B1385** [🔗](#)**VLT® Profibus DP V1 MCA101, unctd 5pcs****130B1135** [🔗](#)**VLT® PROFINET MCA 120, uncoated**

MCA 120 PROFINET interface

- Supports operation on PROFINET network with extensive properties
 - DCP support for easy setting u. Communication parameters via the PLC
 - On Board web-Page with Drive Status
 - Parameterization with the MCT10 software
 - 2 port version, reduced external hardware
-

**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.

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Accessories



130B1155 [🔗](#)

USB extension Cable, 350mm

USB extension kit for FC 300 cable length: 350mm for the housing size: B2, C1 and C2 screw connection M 25



130B1081 [🔗](#)

Mounting Brackets, B1

Mounting brackets for enclosure size B1



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



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.



130B1102 [🔗](#)

VLT® DeviceNet MCA 104, uncoated

Robust, efficient data handling thanks to advanced Producer/Consumer technology. ODVA's strong conformance testing policies ensure products are interoperable, and the AC-drive profile, supported using I/O instance 20/70.21/71, secures compatibility to existing systems.



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

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Accessories

Image
coming
soon**175U0009** [🔗](#)**Mounting bracket Kit, 216 x 30 x 18mm**

Mounting angle for flatpack resistor 200W

**175N2584** [🔗](#)**VLT® EtherNet/IP Modbus TCP gateway****134B5925** [🔗](#)**Pressure Transmitter**

VLT PTU 025 pressure transmitter unit for external attachment to frequency converters

VLT HVAC Drive FC-102 IP55 / IP66 on one the cable entries suitable for M25 - with four pressure

sensors 2x 0-500 Pa; 1x 0-1000 Pa; 1x 0-2500 Pa

- eight hose connections D 5mm

- Can be positioned 360 ° around the longitudinal axis

Software version of the frequency converter FC-102 at least 5.20 am required

Mounting thread: M25

Dimensions LxW: 155mm x 38mm (Length with hose support rail 260.5mm)

Degree of protection: IP66

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****130B1106** [🔗](#)**VLT® LonWorks MCA 108, uncoated**

Developed for building automation, it enables communication between individual units in the same

system (peer-to-peer) and supports decentralizing of control. No need for main station

(master-follower). Units receive signals directly. Supports Echelon free-topology interface

(flexible cabling and installation) and embedded I/Os and I/O options (easy implementation of

decentral I/Os). Sensor signals can quickly be moved to another controller using bus cables.

Certified as compliant with LonMark ver. 3.4 specifications.

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Accessories



130B1144 [🔗](#)
VLT® BACnet MCA 109, uncoated

Open communication protocol dedicated to building automation

- Efficient integration of all parts of building automation equipment
- BACnet: standard for building automation worldwide
- International standard ISO 16484-5
- can be used in all sizes of building automation systems
- the Drive communicates easily with construction management systems running the BACnet protocol
- can be easily integrated into the network of existing control equipment

Product group: R1



134B7093 [🔗](#)
VLT C-option Adapter MCF 107



130B0295 [🔗](#)
sparepart/terminals accessory bag

Image coming soon

134B1985 [🔗](#)
Accessory bag for smooth cable entry B1



134B1586 [🔗](#)
VLT® BACNET/IP MCA125

The VLT® BACnet/IP MCA 125 option is a plug-and-play solution that optimizes the use of VLT® HVAC Drive together with building management systems using the BACnet/IP protocol or running BACnet on Ethernet.

The embedded three-port managed switch of the VLT® BACnet/IP MCA 125 option comprises two external and one internal Ethernet port. This switch allows the use of line structure for the Ethernet cabling. In modern installation this is becoming increasingly attractive.

Image coming soon

130B4847 [🔗](#)
extension cable for lcp+communication



134B8492 [🔗](#)
Transducer 0-10g, 4-20mA; HS-22B50

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Accessories



134B8493 [↗](#)

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

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



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



134B7466 [↗](#)

Option A Ethernet Package



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 (± 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 (± 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

Image
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soon**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 ($\text{Ø} 6\text{ mm}$) 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...100Pa / 200Pa / 300Pa / 500PaPressure range selection: $\pm 7000\text{ Pa}$ – 0...1000Pa / 2000Pa / 3000Pa / 5000Pa / 7000PaAccuracy: 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: $-20...+50\text{ }^\circ\text{C}$ / $-4...+122\text{ }^\circ\text{F}$

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

**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...100Pa / 200Pa / 300Pa / 500PaAccuracy: 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: $-20...+50\text{ }^\circ\text{C}$ / $-4...+122\text{ }^\circ\text{F}$

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

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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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