131B7601

FC-102P55KT4E55H1XNX1XXSXXXXAXBXCXXXXDX

Frequency Converter

FC-102P55KT4E55H1XNX1XXSXXXXAXBXCXXXXDX

VLT® HVAC Drive FC-102
(P55K) 55 KW / 75 HP,
Three phase, 380 - 480 VAC, IP55 / Type 12
(H1) RFI Class A1/B (C1)
No brake chopper
Numerical Loc. Cont. Panel
Not coated PCB, Mains Disconnect
Latest release std. SW.
Frame: C1
No C1 option, No D option
No A Option, No B Option

Other options according to Model Code

Model code: FC-102P55KT4E55H1XNX1XXSXXXXAXBXCXXXXDX

Danfoss 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		44.79 kg
Net weight		41.79 kg
Volume		22.04 l
EAN		5710107114092
VLT® HVAC DRIVE FC 100 SERIES		
Product View (Switch)	GLBL	Global (Standard)
Product Group	FC-	VLT® HVAC Drive FC-
Series	102	102
Power Rating	P55K	(P55K) 55 KW / 75 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	N	Numerical Loc. Cont. Panel
Coating PCB	X	Not coated PCB
Mains Option	1	Mains Disconnect
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	BX	No B Option

PRODUCT DETAILS

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	C1	C1
Product Catalog	NO_VIEW	NO VIEW
Typecode Part 1		FC-102P55KT4E55H1XNX
Typecode Part 2		1XXSXXXXAXBXCXXXXDX
Power 110% (NO) [KW]		55
Height [mm]		685,0
Width w/ no C options [mm]		308,0
Depth [mm]		311,0
Depth with Option A/B [mm]		311,0
kVA		73.4
Power Loss NO [W]		1083
Power Loss NO [W]		1083
Continuous Current (NO) [A]		106
Intermittent Current (NO) [A]		117
Continuous Current (NO) [A]		105
Intermittent Current (NO) [A]		116
Calculated Gross Weight [kg]		44.79
Calculated Net Weight [kg]		41.79
ECCN EU		Y901
ECCN US		3A999.a
Vendor	ERR01	Cannot Determine Vendor
Recommended Factory	ERR01	Cannot Determine Vendor
Modelcode01		FC-102P55KT4E55H1XNX
Modelcode02		1XXSXXXXAXBXCXXXXDX
Recommended Plant		ERR01

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store

Accessories

130B4597

Weather shield f. outdoor instl. C1, C2

Weather shield for enclosure sizes C1, C2

130B3910

Back plate IP21/Type 1, IP55/Type 12, C1

FC 300 back cover for the devices in IP21 / 55 Case size C1

130B7533

Mounting Kit C Option, B/C/D/E/F(not B3)

MCF105 C Option, Mounting Kit A2 and A3

For more information, please use this link to visit the product page on Danfoss Product Store

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

5xMCB107 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

130B1125

VLT® General Purpose I/O MCB 101,unctd

MCB 101 - Advanced I / O option
Expands the number of freely programmable Control inputs and outputs around the following I / Os:
- 3 digital inputs opto-decoupled 0 - 24 V.
- 2 analog inputs 0 - 10 V.
- 2 digital outputs NPN / PNP switchable 24 V
- 1 analog output 0/4 - 20 mA

For more information, please use this link to visit the product page on Danfoss Product Store

Accessories

130B1117
LCP Mounting Kit, w/ no LCP
The kit includes fasteners, 3m cable and gasket - There is no LCP included.

130B1110
VLT® Relay Option MCB 105, uncoated
Relay extension for FC 100 and FC 300. Extension with 3 additional load relays (changeover contacts), easy to retrofit thanks to modular technology.
Max. Load 240V AC (resistive): 2 A
Max. Load 240V AC (Cos Phi 0.4): 0.2 A
Max. Load 24V DC (ohmic): 1 A
Max. Load 24V DC (inductive): 0.1 A

130B1156
USB extension Cable, 650mm
USB extension kit for FC 300 cable length: 650mm for the housing size: B2, C1 and C2 screw connection M 25

130B1143
VLT® Analog I/O Option MCB 109, unctd
I / O expansion for FC 100, through modular technology easy to retrofit. Analog inputs/outputs galvanically isolated.
Expands the analog inputs / outputs by:
3 analog inputs: 0 ... 10V / Pt1000 / Ni1000
3 analog outputs: 0 ... 10V
Time switch (RTC backup): lithium cell for 10 years

130B1083
Mounting Brackets, C1
Mounting brackets for enclosure size C1

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

For more information, please use this link to visit the product page on Danfoss Product Store

Accessories

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

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.

130B1100

VLT® Profibus DP V1 MCA 101

Provides wide compatibility, a high level of availability, support for all major PLC vendors and compatibility with future versions. Fast, efficient communication, transparent installation, advanced diagnosis and parameterization and auto-configuration of process data using GSD-file. Acyclic parameterization using PROFIBUS DP-V1, ¬PROFIdrive or Danfoss FC profile state machines, PROFIBUS DP-V1, Master Class 1 and 2.

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

Image coming soon

175U0009

Mounting bracket Kit, 216 x 30 x 18mm

Mounting angle for flatpack resistor 200W

For more information, please use this link to visit the product page on Danfoss Product Store

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

134B0460

LCP 103 Wireless Communication Panel

With VLT® Wireless Communication Panel LCP 103 you can communicate with MyDrive® Connect - an app that can be downloaded for iOS and Android based smartphones. MyDrive® Connect makes commissioning easy, monitor and maintain tasks on your frequency converter. VLT® Wireless Communication Panel LCP 103 shows the current status of the drive (On, Warning, Alarm, Wifi connection) via built-in LED. Detailed information is also available using MyDrive® Connect. Here do you have access to i.a. status, menu and alerts. You can also see graphs over the latest available data.
The new VLT® Wireless Communication Panel LCP 103 allows you to wireless communication to the following drives:
- VLT® HVAC Drive FC 102
- VLT® Refrigeration Drive FC 103
- VLT® AQUA Drive FC 202
- VLT® AutomationDrive FC 302
[!] Note!
LCP 103 only works on frequency converters produced in 2018 (White USB stik).
Product group: R1

Image coming soon

134B1992

Control Terminals w/ screw connections

For more information, please use this link to visit the product page on Danfoss Product Store

Accessories

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.

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

Image coming soon

134B7207

cable clamp/d=44-48 k48b

Image coming soon

134B7209

cable clamp/d=36-40 k40b

130B0295

sparepart/terminals accessory bag

Image coming soon

134B1968

Accessory bag for frame size C1

Accessory bag for frame size C1

For more information, please use this link to visit the product page on Danfoss Product Store

Accessories

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

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

For more information, please use this link to visit the product page on Danfoss Product Store

Accessories

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 ascading input
Output: 1 x 0 -10 V output temperature (corresponding to 0...+15 °C) & 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

For more information, please use this link to visit the product page on Danfoss Product Store

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 & selection of VOC sensitivities (low/medium/high)
VOC measuring accuracy: typical ± 20 % of final value (referred to calibrating gas)
CO2 Sensor: optical NDIR sensor (non-dispersive infra-red technology) including atmospheric pressure compensation (up to 1100 mbar) with manual or automatic calibration
CO2 measuring range: 0...5000 ppm
CO2 measuring accuracy: typical ± 30 ppm (± 3 % of measured value) & temperature dependence: ± 5 ppm pro °C or ± 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 (± 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

For more information, please use this link to visit the product page on Danfoss Product Store

Accessories

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 ± 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), Ø 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

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

For more information, please use this link to visit the product page on Danfoss Product Store

Accessories

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

Image coming 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

For more information, please use this link to visit the product page on Danfoss Product Store

Accessories

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

For more information, please use this link to visit the product page on Danfoss Product Store

Accessories

134B9407

Airflow Sensor KFTF Temp & Humidity

DUCT HUMIDITY- AND TEMPERATURE SENSORS KFTF-MB
Calibratable duct humidity and temperature sensor KFTF-T3 (± 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 °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 °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 ± 0.2 K at +25 °C
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

134B9406

Pressure Sensor 7227 2x7000Pa, Analog

DUAL AIR PRESSURE SENSOR ±7000PA & ±7000PA, 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 (Ø 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: ± 7000 Pa – 0…1000Pa / 2000Pa / 3000Pa / 5000Pa / 7000Pa
Accuracy: 7000 Pa typical ± 105 Pa
Zero point offset: ± 10 % of measuring range
Above- # below-pressure: max. ± 50 kPa
Power: 24VAC/DC (± 10%) <1,3W,
Output: automatically switching 0 -10 V # 4...20 mA
Working resistance: Ra (ohms) = 25...450 Ohm (at I output)
Load resistance: RL > 15 kOhm (at U output)
Operation / Media temperature: –20...+50 °C / –4...+122 °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

Accessories

134B9405

Pressure Sensor 7229 500/7000Pa, Analog

DUAL AIR PRESSURE SENSOR ±500PA & ±7000PA, 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 (Ø 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: ± 500 Pa – 0…100Pa / 200Pa / 300Pa / 500Pa
Pressure range selection: ± 7000 Pa – 0…1000Pa / 2000Pa / 3000Pa / 5000Pa / 7000Pa
Accuracy: 500 Pa typical ± 13 Pa
Accuracy: 7000 Pa typical ± 105 Pa
Zero point offset: ± 10 % of measuring range
Above- # below-pressure: max. ± 50 kPa
Power: 24VAC/DC (± 10%) <1,3W,
Output: automatically switching 0 -10 V # 4...20 mA
Working resistance: Ra (ohms) = 25...450 Ohm (at I output)
Load resistance: RL > 15 kOhm (at U output)
Operation / Media temperature: –20...+50 °C / –4...+122 °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 ±500PA & ±500PA, 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 (Ø 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: ± 500 Pa – 0…100Pa / 200Pa / 300Pa / 500Pa
Accuracy: 500 Pa typical ± 13 Pa
Zero point offset: ± 10 % of measuring range
Above- # below-pressure: max. ± 50 kPa
Power: 24VAC/DC (± 10%) <1,3W,
Output: automatically switching 0 -10 V # 4...20 mA
Working resistance: Ra (ohms) = 25...450 Ohm (at I output)
Load resistance: RL > 15 kOhm (at U output)
Operation / Media temperature: –20...+50 °C / –4...+122 °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

Accessories

134B9402

Pressure Sensor 7247T 2x7000Pa & PT1000

DUAL AIR PRESSURE SENSOR ±7000PA & ±7000PA-MB
Dual maintenance-free pressure sensor with connection facility for external Pt1000 sensor (–50...+150°C). Microprocessor-controlled with Modbus RTU connection in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose (Ø 6 mm) and M16 cable gland for cable connection. International SI units (default) can be switched to Imperial (via Modbus). Incl. connection set ASD-06 (2 m connecting hose, two pressure port nipples, screws).
Pressure range: ± 7000 Pa and ± 7000 Pa
Accuracy: 7000 Pa/28 inWC: typical ± 105 Pa at +25 °C / ± 0.12 inWC at + 77 °F
Linearity: < ± 1 % of final value & Temperature drift: ± 0.1 % per °C # °F
Zero point offset: ± 10 % of measuring range
Above- # below-pressure: max. ± 50 kPa / ± 200 inWC
Power: 24VAC (± 20%) <0,2W / 15…36VDC
Operation temperature: –30...+70 °C / –22...+158 °F
Media temperature –20...+50 °C / –4...+122 °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 ±500PA & ±7000PA-MB
Dual maintenance-free pressure sensor with connection facility for external Pt1000 sensor (–50...+150°C). Microprocessor-controlled with Modbus RTU connection in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose (Ø 6 mm) and M16 cable gland for cable connection. International SI units (default) can be switched to Imperial (via Modbus). Incl. connection set ASD-06 (2 m connecting hose, two pressure port nipples, screws).
Pressure range: ± 500 Pa and ± 7000 Pa
Accuracy: 500 Pa/2.0 inWC: typical ± 13 Pa at +25 °C / ± 0.05 inWC at + 77 °F
Accuracy: 7000 Pa/28 inWC: typical ± 105 Pa at +25 °C / ± 0.12 inWC at + 77 °F
Linearity: < ± 1 % of final value & Temperature drift: ± 0.1 % per °C # °F
Zero point offset: ± 10 % of measuring range
Above- # below-pressure: max. ± 50 kPa / ± 200 inWC
Power: 24VAC (± 20%) <0,2W / 15…36VDC
Operation temperature: –30...+70 °C / –22...+158 °F
Media temperature –20...+50 °C / –4...+122 °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

For more information, please use this link to visit the product page on Danfoss Product Store

Accessories

134B9400

Pressure Sensor 7245T 2x500Pa & PT1000

DUAL AIR PRESSURE SENSOR ±500PA & ±500PA-MB
Dual maintenance-free pressure sensor with connection facility for external Pt1000 sensor (–50...+150°C). Microprocessor-controlled with Modbus RTU connection in a resistant IP65 plastic housing with quick-locking screws, connection nozzles for pressure hose (Ø 6 mm) and M16 cable gland for cable connection. International SI units (default) can be switched to Imperial (via Modbus). Incl. connection set ASD-06 (2 m connecting hose, two pressure port nipples, screws).
Pressure range: ± 500 Pa and ± 500 Pa
Accuracy: 500 Pa/2.0 inWC: typical ± 13 Pa at +25 °C / ± 0.05 inWC at + 77 °F
Linearity: < ± 1 % of final value & Temperature drift: ± 0.1% per °C/°F
Zero point offset: ± 10 % of measuring range
Above-/below-pressure: max. ± 50 kPa / ± 200 inWC
Power: 24VAC (± 20%) <0,2W / 15…36VDC
Operation temperature: –30...+70 °C / –22...+158 °F
Media temperature –20...+50 °C / –4...+122 °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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