Electronic Controllers

Type	Description	Part No.	List Price
EKC 315A	Evaporator Controller (superheat)	084B7086	**$1,128**
EKE 347	Electronic Liquid Level Control.	080G5000	**$968**
EKC 361	Electronic Media Temperature Controller for stand alone control	084B7060	**$842**
EKC 366	Interface Module that allows communication with customer supplied PLC	084B7076	**$491**

EKC accessory for panel mounting

Description	Part No.	List Price
EKC front panel mounting kit is used for mounting an EKC controller into an existing electrical panel box so the EKC display can easily be viewed through its transparent flip up door. This door also allows easy access to change EKC settings without opening the main electrical panel box.	027F0309	**$161**

AKS - Pressure Transmitters

AKS 33 (4 to 20 mA output) & AKS 32 (1 - 5 V output)

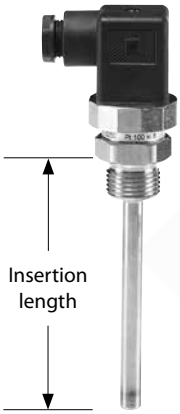
Type	Output Signal	Pressure Range	Part No.	List Price
MBS 3000	4 to 20 mA	0 to 14.5 psig	060G1563	**$315**
AKS 33	4 to 20 mA	0 to 100 psia	060G3802	**$315**
AKS 33	4 to 20 mA	0 to 200 psia	060G1711	**$315**
AKS 33	4 to 20 mA	0 to 500 psig	060G1712	**$315**
AKS 3000	4 to 20 mA	0 to 870 psig	060G1083	**$315**
AKS 32	1 to 5 Vd.c.	0 to 100 psia	060G3803	**$315**
AKS 32	1 to 5 Vd.c.	0 to 200 psia	060G3804	**$315**
AKS 32	1 to 5 Vd.c.	0 to 500 psig	060G3805	**$315**
Accessory for pressure transmitters				
Pulse snubber, 1/4 in. FPT x 1/4 in. MPT			060G0250	**$79**

Features

- 1/4 in. male NPT connection
- DIN connector
- Stainless steel body and material in contact with medium
- Suitable for all refrigerants, including ammonia
- UL recognized for Class I, Group A, B, C, and D, Division 2
- Built-in voltage stabilizer for varying voltage supply

Temperature Sensors, PT 1000 ohm (For use with Danfoss controllers)

Type	Temperature Range	Description	Electrical connection	Part No.	List Price
AKS 21M	-94 to +356 °F	Surface/Air temperature sensor	8.2 ft. cable	084N2003	**$51**
MBT 5250	-58 to +392 °F	Immersion temp. sensor with 1/2 in. NPT well, 2 in. insertion length	DIN connector	084Z3031	**$165**
MBT 5250	-58 to +392 °F	Immersion temp. sensor with 1/2 in. NPT well, 4 in. insertion length	DIN connector	084Z2188	**$196**
MBT 5250	-58 to +392 °F	Immersion temp. sensor with 1/2 in. NPT well, 6 in. insertion length	DIN connector	084Z2189	**$208**
MBT 5250	-58 to +392 °F	Immersion temp. sensor with 1/2 in. NPT well, 8 in. insertion length	DIN connector	084Z2190	**$225**



MBT 5250

Interchangeable measuring insert for MBT 5250

4-20 MA - Temperature Sensors, 4-20 mA Output (not for use with Danfoss controllers)

Type	Temperature Range	Description	Electrical connection	Part No.	**List Price**
MBT 5252	-58 to +302 °F	Immersion temp. sensor with 1/2 in. NPT well, 2 in. insertion length.	Terminal box	084Z3029	**$290**
MBT 3560	-58 to +302 °F	Immersion temp. sensor with 1/2 in. NPT well, 2 in. insertion length. In this version the sensor and well are integrated and would need replaced together.	DIN connector	084Z4114	**$221**

MBT 5252

MBT 3560

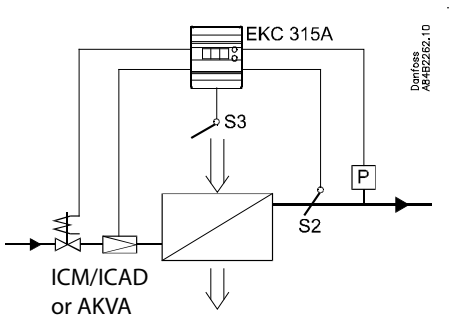
EKC 315 Evaporator controller

Application

The controller and valve can be used where there are requirements for accurate control of superheat and temperature in connection with refrigeration.

Functions:

- Regulation of superheat
- Temperature control
- MOP function
- Alarm if the set alarm limits are exceeded
- Relay output for solenoid valve
- PID regulation



EKE 347 Liquid Level Controller

Application

The EKE 347 is a PI liquid level controller that can be used for regulation of refrigerant level in:

- Pump packages
- Separators
- Intermediate coolers
- Economizers
- Condensers
- Receivers

Functions:

- Standard with Modbus-RTU RS485 communication for easy integration with PLC systems
- Generates alarm when user-programmed limits are exceeded
- 3 relay outputs for upper and lower level limits and for alarm level
- Controls liquid level on high or low pressure side of the system
- When AKV/A is selected, a master-slave system can run up to 3 AKV/A valves with distributed opening degree
- Manual control of output
- Able to limit minimum and maximum valve opening degree