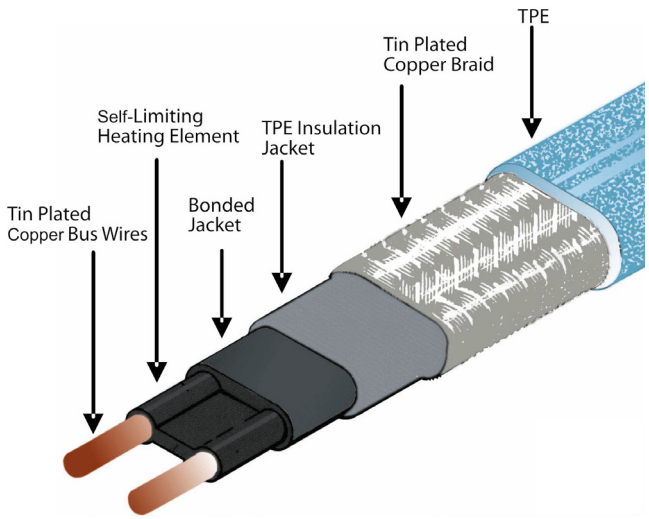
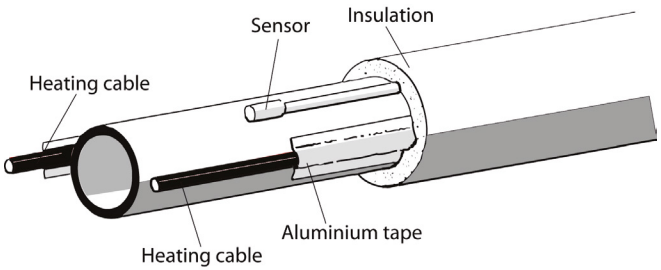
Quality Construction

Danfoss PX Cable



Danfoss PX is a self-limiting parallel heating cable. The power output of the conductive core material increases or decreases in response to ambient temperature changes.

Typical Install



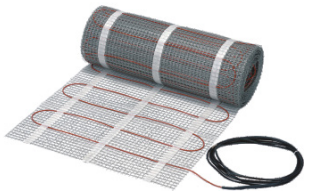
ENGINEERING TOMORROW

Electric Cable Heating Solutions

Danfoss heating systems deliver a safe and healthy way of heating homes. We offer a one stop solution to floor heating, snow melting, pipe tracing, and roof and gutter needs.

Danfoss RX Roof and Gutter

Danfoss GX Snow Melting



Danfoss LX Floor Heating Mat

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ENERGY STAR PARTNER

Danfoss
Toll Free: 888 DANFOSS (326 3677) • Fax: 416 352 5981
www.Heating.Danfoss.us

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PX Self-Regulating Cable

PX
Pipe Freeze Protection

www.Heating.Danfoss.us

PX Self-Regulating Cable

Danfoss PX series of self-regulating parallel circuit heating cables provide the solution to basic freeze protection applications. The self regulating PX line ensures maximum energy efficiency by producing heat only when and where it is needed as it adjusts the power output to the varying conditions along the length of the pipe.

Flexible Benefits

- Cable can be overlapped without creating hot spots or causing a burn out
- Cable can be cut and spliced in the field, simplifying installation and reducing waste
- Rugged 16 AWG bus cable with longer runs
- Wide variety of heat outputs available
- Available by the ft. or spool
- Limited 10 year warranty

Typical Applications

- For use with metal and PVC pipes
- Tank freeze protection
- Roof and gutter deicing
- Sprinkler freeze protection

PX Weatherproof Thermostat

The PX thermostat is designed for temperature control applications and serves as operational control only. The unit is housed in a weatherproof NEMA 4X enclosure.

- Automatic activation - reduces operational costs
- Remote bulb temperature sensing
- Large, Readily Visible Dial
- Wall mounted

The Installer's Choice

PX-F Self Regulating Cable Spools

Part No.	Voltage	Output at 50˚F (10˚C)	Spool size (feet)
088L1402	120V	3W/ft	250
088L1470	120V	3W/ft	1,000
088L1412	240V	3W/ft	250
088L1471	240V	3W/ft	1,000
088L1422	120V	5W/ft	250
088L1472	120V	5W/ft	1,000
088L1432	240V	5W/ft	250
088L1473	240V	5W/ft	1,000
088L1516	120V	8W/ft	250
088L1517	120V	8W/ft	1,000
088L1518	240V	8W/ft	250
088L1519	240V	8W/ft	1,000
088L1520	120V	10W/ft	250
088L1521	120V	10W/ft	1,000
088L1522	240V	10W/ft	250
088L1523	240V	10W/ft	1,000

PX-F Self Regulating Cable Cut to order* (by ft.)

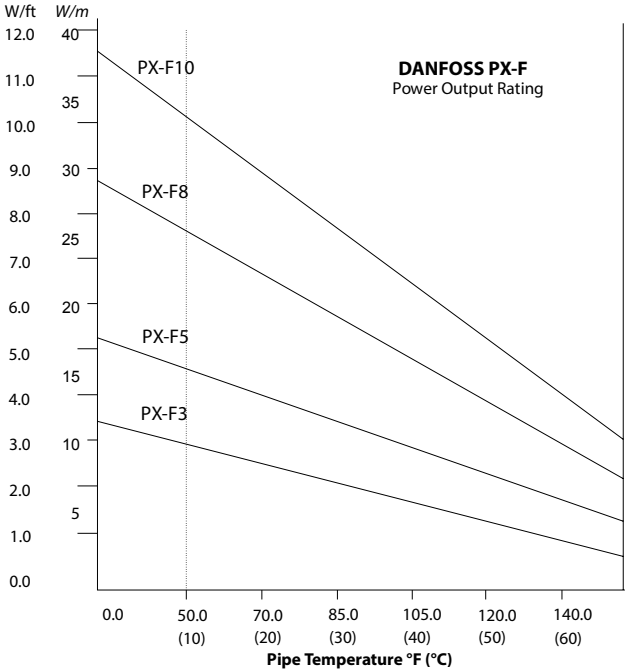
Part No.	Voltage	Output at 50˚F (10˚C)
088L1460*	120V	3W/ft
088L1461*	240V	3W/ft
088L1462*	120V	5W/ft
088L1463*	240V	5W/ft
088L1469*	120V	8W/ft
088L1468*	240V	8W/ft
088L1479*	120V	10W/ft
088L1478*	240V	10W/ft

*** Minimum order is 25 ft. (Non-Returnable)**

Controls

Part No.	Description	Voltage
088L3422	Weatherproof thermostat with water-tight enclosure	120-277V

Danfoss PX Output Curves



Voltage Conversion Table W/ft (W/m) @ 50ºF (10ºC)

Cable	208V	240V	277V
PX-F3	2.5 (8.5)	3.0 (10.0)	3.5 (12.5)
PX-F5	4.0 (13.5)	5 (15.0)	5.5 (17.5)
PX-F8	7.0 (23.0)	8 (25.5)	8.5 (27.5)
PX-F10	9.5 (31.5)	10.0 (33.0)	10.5 (35.0)

Accessories

Part No.	Description
088L0006	Power connection kit, cable to power lead, includes one end seal
088L0008	Splice/Tee Kit, one end seal
088L0409	Aluminum application tape (165ft.)
088L0023	Power connection kit, cable to box, includes one end seal
088L0412	Warning labels, 10pcs
088L1457	End Seal Kit, includes 5 end seals