CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING & INVESTIGATIONS DIVISION
BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No.:	7270-0854:0501
CATEGORY:	7270 - HEAT DETECTOR
LISTEE:	Protectowire 60 Washington Street, Pembroke, MA, 02359 Contact: Goggin, Jim (781) 826-3878 (781) 826-2045 Email: jgoggin@protectowire.com
DESIGN:	Model PTS-8XXX Series Fiber Optic Linear Heat Detector, where the letter X represents a digit 0 through 9. The model number consists of the following components: PTS-8XXX, where the first X indicates the number of channels, the second X is either 0 or 1, and the second and third X indicate the maximum distance of cable the unit can handle. The product is intended to detect an abnormal amount of heat in the area in which the detector is installed, and the detector consists of a controller and a fiber optic cable. The fiber optic cable part numbers are PFS-554-FR and PFS-654-MF. Detector can be used in the Ordinary and Intermediate temperature ranges, with a programmable fixed temperature alarm temperature ranging from 135°F to 235°F. It has also been evaluated for use as a 15°F/min or 20°F/min rate-of-rise detector. Refer to listee's data sheet for additional detailed product description and operational considerations.
RATING:	11.1-30 VDC, 40 W
INSTALLATION:	In accordance with listee's printed installation instructions, NFPA 72, applicable codes and ordinances, and in a manner acceptable to the authority having jurisdiction.
MARKING:	Listee's name, model number, rating, and UL label.
APPROVAL:	Listed as a fiber optic linear heat detector for use with separately listed compatible fire alarm control units. Refer to listee's Installation Instruction Manual for details. Model complies with the applicable requirements in UL 521, 7th Edition.
NOTES:	

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3-11-22 VWW

This listing is based upon technical data submitted by the applicant. OSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: 04/09/2025

Listing Expires: 06/30/2026

Authorized By: **Michael Huang**, Program Coordinator
Fire Engineering & Investigations Division