FIRE SUPPRESSION SYSTEMS

KYDON®

LOCAL APPLICATION SYSTEM FOR VEHICLE ENGINES

A Complete Detection & Suppression System Pre - Engineered For Vehicle Engines

SP CERTIFIED ACCORDING TO SPCR 183 / SP METHOD 4912 / UNECE R107

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SP-CERTIFIED ACCORDING TO SPCR 183 / SP METHOD 4912

- **Protects Passengers And Valuable Equipment**
- **Easy / Flexible Installation**
- **Quick & Effective Suppression**
- **No Electricity**
- **Highly Economical**

Dimensions: 38 x 19 x 19cm
Weight (filled): ± 14 Kg

Dimensions: 60 X 19 X 19cm
Weight (filled): ± 20 Kg

Dimensions: 83 X 19 X 19cm
Weight (filled): ± 30 Kg

Material	Αλουμίνιο
Working Temperatures	-35°C έως +80°C
Extinguishing agent pressure	±35 bar
Internal cylinder pressure	200 bar
Norm	π / TPED

Reduces Even The Most Critical Vehicle Engine Fire Risks:

- **Oil Residue And Fuel Leaks**
- **Engine Overheating**
- **Short Circuits**
- **Passenger Injury**
- **Vehicle Damage & Repair**

Kydon Vehicle Systems Use A Proprietary Continuous Linear Sensor Tube That Reliably Detects And Actuates Release Of The Extinguishing Agent Using Pneumatic Technology. It Is More Flexible, Space Efficient And Cost Effective Detection Method.

1. Quick & Easy Installation:
The Flexible Sensor Tubing Is Easily Installed Directly Above And Around The Engine - Closer To Where A Fire Could Start. When In Service, The Tubing Is Pressurized With Nitrogen To 16 Bar. The Dynamics Of Pressurization Make The Tubing More Reactive To Heat.

2. Early Fire Detection:
If A Fire Occurs, The Heat Of The Fire Causes The Pressurized Sensor Tube To Burst At The Hottest Spot (Approx. 170°c).

3. Instant Suppression:
The Sudden Tube Depressurization Actuates The Special Pressure Differential Valve And Instantly Floods The Entire Engine Compartment With Firedetec® TS55 Ea Extinguishing Agent. The Fire Is Quickly Suppressed Just Mom Ents After It Began Minimizing Damage And Downtime.

Everything you need together in one box

A/A	QTY	Description
1	1	Special cylinder/valve unit
2	1	Tube fitting
3	1	Rubber hoses
4	1	Pressure switch (160 bar)
5	1	Pressure switch (5 bar)
6	4	Tube fitting - straight
7	5	Stainless steel pipe (1 meter)
8	4	Tube fitting - tee
9	5	Nozzle fitting - threaded elbow
10	2	Nozzle fitting - threaded tee
11	7	Spray nozzle
12	1	FireDETEC® tube (black, 10m)
13	30	Screw clip for tube attachment
14	1	End of line adapter
15	1	Protection spring for sensor tubing