

tyco

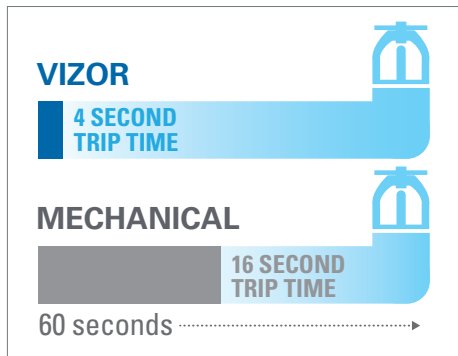
Safer. Smarter. Tyco.™

VIZOR Electronic Dry Pipe Accelerator

**Cost-effective installation
Less business impact**

A Smarter Solution

FASTER TRIP TIME DELIVERS WATER SOONER



Quick, consistent valve trip provides a much wider margin to meet the 60-second code requirement for water discharge at the most distant sprinkler head.

LOWER LABOR COSTS



Install time of approximately 30 minutes. Fewer return visits due to reduced false trips.

REQUIRES FEWER VALVES AND RISERS



Consistent trip time, plus the precise calculations of SprinkFDT, means minimum valves and risers. Use SprinkCAD and SprinkFDT to facilitate your installation design or take advantage of Tyco Design Services to optimize your next project.

REDUCES FALSE TRIPS



Unique air pressure monitoring takes readings 2x per second to automatically adjust to both small and slow changes in system air pressure, but trips when there is a steady drop in system air pressure upon sprinkler operation.

SIMPLIFIES INSPECTIONS



Vizor can be reset faster and more consistently than other quick opening devices to facilitate NFPA 25 required inspections.

SIMPLE PUSH BUTTON TEST AND RESET



Electronic design and simple solenoid valves allow push button testing and reset, eliminating the need for the complicated breakdown, overhaul and reassembly required by conventional mechanical accelerators.

The Next Generation In Dry Pipe Accelerators

VIZOR brings digital technology to dry pipe sprinkler systems, providing significant performance benefits, cost-savings, ease of installation and long-term maintenance advantages.

MECHANICAL ACCELERATORS

- Lack sensing technology to prevent false trips, resulting in repeated interruption to occupants and increased incentive for taking the accelerator off line
- Require complicated breakdown, overhaul and reassembly each time they are tripped or tested
- Diaphragms, restrictions, strainers and anti-flood devices are prone to grit and hard-water clogging



- 1 The VIZOR Accelerator's unique air-pressure monitoring technology triggers on detection of a sustained drop in air pressure.
- 2 The accelerator immediately energizes its internal solenoid valve.
- 3 The energized solenoid valve opens to permit system air pressure into the intermediate chamber of the dry pipe valve.
- 4 The pressurized intermediate chamber trips the dry pipe valve to quickly flow water into the sprinkler piping.
- 5 Press once to test, press three times to reset

Simple push button operation

Learn more and download data sheet
TFP1105 at tyco-fire.com/Vizor, or
contact your local Tyco Fire Protection
Products sales representative.



Learn more about what VIZOR can do for you at tyco-fire.com/VIZOR. For more information, download data sheet TFP1105. Or contact your local Tyco Fire Protection Products sales representative.

TECHNICAL DATA

Approvals: UL and ULC listed; FM approved

Maximum Water Supply Pressure: 300 psi (20,7 bar)

System Air Pressure: 10 to 65 psi (0,69 to 4,48 bar)

Pressure Decay Rate For Trip: 0.1 psi/sec. (0,007 bar/s)

Environmental Specifications: NEMA 2, Indoor Use, 40 to 120°F (4 to 49°C)

Power Requirements: Maximum 0.75 A at 120/220 VAC

Battery Back-Up:

24-hour back-up provided by two 12-volt (1.3 AH) batteries

90-hour back-up provided by two 12-volt (5 AH) batteries

Optimize Your Installation

SPRINKCAD ADVANCED FIRE PROTECTION DESIGN SOFTWARE

Tyco Fire Protection Products offers the advanced suite of powerful SPRINKCAD tools to complete virtually any fire sprinkler design project with one software solution.

BIM-Compliant Sprinkler System Design

Hydraulic Area Calculations

Dry System Trip Time Calculation

Material Stocklisting

NFPA 13 Code Selection

For more information or to schedule a demonstration, contact SPRINKCAD at 800-495-5541 or visit www.sprinkcad.com.

TYCO DESIGN SERVICES GROUP

The Design Services Group offers several cost effective services to engineers, designers and contractors without access to the necessary hardware, software and staff for in-house production.

Residential Sprinkler Design Services

Dry System Fluid Delivery Time Calculations (FDT)

Solution Water Transit Time For Foam Systems

CAD File Conversion To BIMPORT

Hydraulic Calculations

To find out how we can help optimize your next installation, call Technical Services at 800.381.9312

Global Strength. Local expertise. At your service.

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