

Control Head Monitor (Explosion Proof Assembly)

FEATURES

- For Approvals, see the Table, “COMPATIBILITY” table.
- REACH and RoHS compliant

P/N: 85-100000-100

The Control Head Monitor (CHM) with explosion proof assembly provides supervision for control head placement in normal and explosive environments in one easy to install component.



Figure 1. Control Head Monitor with Explosion Proof Assembly

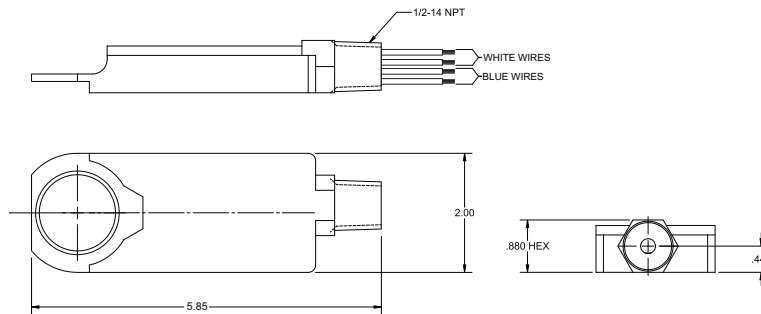


Figure 2. Control Head Monitor Dimensions

This CHM can be placed between the discharge valve and an electric or electric/cable operated control heads for retrofitting the existing system:

For field wiring installation applicable to ATEX and IECEx certification the following specific conditions of use apply:

- **The flameproof joints of the equipment are not intended to be repaired. Consult the manufacturer if repair of the flameproof joints is necessary.**
- **A suitably certified conduit sealing device must be installed at the threaded entry and connected to a certified Ex d or Ex e rated terminal box.**



For US and Canada explosive proof installations, seal all conduits within 18 inches from the end of the component.

MATERIALS

Body and Trigger: Brass
Weight: 1.7 lbs.

ORDER INFORMATION

Part Number	Description
85-100000-100	Control Head Monitor
85-100000-002	Spacer, required when installing Control Head Monitor on to Stackable Pressure Operated Control Head (P/N 82-878750-000)

COMPATIBILITY

Series	DIOM P/N	Supplement P/N	Approval
Kidde Fire Systems ECS-500™ System	06-237585-001	N/A	UL, ULC, FM
Kidde Fire Systems ECS™ 360 for use with Fluoroketone Fire Suppression Agents	06-236553-001	N/A	UL, ULC, FM
Kidde Fire Systems ADS™ for use with Fluoroketone Fire Suppression Agents	06-237256-001	N/A	UL, ULC, FM
Kidde Fire Systems ECS™ 360 with HFC-227ea Agent	06-236115-001	06-236115-003	UL, ULC, FM
Kidde Fire Systems Modular ECS™ 360 with HFC-227ea Agent	06-236116-001	06-236116-002	UL, ULC, FM
Kidde Fire Systems ADS™ with HFC-227ea Agent	06-236068-001	06-236068-003	UL, ULC, FM
Kidde Fire Systems FE-13™ Engineered Suppression System	06-236169-002	06-236169-003	UL
Kidde Fire Systems FE-13™ Modular Engineered Suppression System	06-236193-001	06-236193-002	UL
Kidde Fire Systems Natura™ Inert Gas System (for use on N2 Pilot Cylinders used with discharge delay)	06-237619-001	N/A	UL, FM

Note: Agency listings also apply the Fenwal Engineered Fire Suppression Systems, when the Control Head Monitor is used on these legacy product lines.

Standards for US Approval

Number	Issue Date
FM 3600	2011
FM 3615	2006
FM 3616	2011
FM 3810	2005
ANSI/ISA 60079-0	2013
ANSI/ISA 60079-1	2013
ANSI/ISA 60079-31	2013

US Hazardous Location Markings:

- Class I, Div 1, Groups CD
- Class I, Zone 1, AEx d IIB T6
- Class II, III, Div 1, Groups EFG
- Zone 21, AEx tb IIIC T85°C
- Ta = -40°C to 60°C

Standards for Canadian Approval

Number	Issue Date
CSA C22.2 NO. 0.4	2013
CSA C22.2 NO. 0.5	2012
CSA C22.2 NO. 25	2014
CSA C22.2 NO. 30	2012
61010-1	2012
CAN/CSA 60079-0	2011
CAN/CSA 60079-1	2011

Canada Hazardous Location Markings:

- Class I, Div 1, Groups CD
- Class I, Zone 1, Ex d IIB T6
- Class II, III, Div 1, Groups EFG
- Zone 21, Ex tb IIIC T85°C
- Ta = -40°C to 60°C

EXPORT INFORMATION (USA)

Jurisdiction: EAR
Classification: EAR99

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