

Flame 1350/1500/1750

Notes on Approval



Approvals - Flame 1350 UV/IR SE

Parameter	Authority/Standard	Approval	Certificate
Hazardous area certification	ATEX	II 2 G Ex db IIC T5/T6 Gb	FM23 ATEX 0058X
Hazardous area certification	NEC 505	Class 1, Zone 1 AEx db IIC T5/T6 Gb Type 6P, IP67	
Hazardous area certification	NEC 500	Class 1, Div. 1, Groups B, C, D T5/T6 Type 6P, IP67	FM24US000 4X
Hazardous area certification	IECEX	Ex db IIC T5/T6 Gb	IECEX FMG 23.0034X
American fire service listing	FM	Class 3260, 3615, 3600	pending
European fire service listing	FM	EN 54 Part 10 2002	2809-CPR-E0034
CE Marked (Emissions)	Element	EN 61000-6-3:2007-A1:2011	
CE Marked (Immunity)	FM	EN 50130-4 2011 A1:2014	
IEC 61508	Exida	Certified SIL 2 Capable	pending
Class Guideline	DNV	DNVGL-CG-0339	pending
Type approval	DNV	MED-B	pending
Ingress Protection	FM	IP67, NEMA Type 6P	

Approvals - Flame 1500 IR3 SE

Parameter	Authority/Standard	Approval	Certificate
Hazardous area certification	ATEX	II 2 G Ex db IIC T5/T6 Gb	FM21ATEX0 012X
Hazardous area certification	NEC 505	Class 1, Zone 1 AEx db IIC T5/T6 Gb Type 6P, IP67	
Hazardous area certification	NEC 500	Class 1, Div. 1, Groups B, C, D T5/T6 Type 6P, IP67	
Hazardous area certification	IECEX	Ex db IIC T5/T6 Gb	IECEX FMG 21.0009X
American fire service listing	FM	Class 3260, 3615, 3600	FM23FPCA 0002 & FM23FPUS 0065
European fire service listing	FM	EN 54 Part 10 2002	2809-CPR-E0019
CE Marked (Emissions)	Element	EN 61000-6-3:2007 A1:2011	
CE Marked (Immunity)	FM	EN 50130-4 2011 A1:2014	
IEC 61508	Exida	Certified SIL 2 Capable	DR 21-01-151 C001
Class Guideline	DNV	DNVGL-CG-0339	TAA000037 6
Type approval	DNV	MED-B	MEDB00008 K9
Ingress Protection	FM	IP67, NEMA Type 6P	

Approvals - Flame 1750 IR3 H₂ SE

Parameter	Authority/Standard	Approval	Certificate
Hazardous area certification	ATEX	II 2 G Ex db IIC T5/T6 Gb IP67	FM21ATEX0 012X
Hazardous area certification	NEC 505	Class 1, Zone 1 AEx db IIC T5/T6 Gb Type 6P, IP67	
Hazardous area certification	NEC 500	Class 1 Div 1, Groups B, C, D T5/T6 Type 6P, IP67	
Hazardous area certification	IECEX	Ex db IIC T5/T6 Gb IP67	IECEX FMG 21.0009X
American fire service listing	FM	Class 3260, 3810	FM23FPCA 0002 & FM23FPUS 0065
European fire service listing	FM	EN 54 Part 10 2002	2809-CPR-E0019
CE Marked (Emissions)	Element	EN 61000-6-3:2007 A1:2011	
CE Marked (Immunity)	FM	EN 50130-4 2011 A1:2014	
IEC 61508	Exida	Certified SIL 2 Capable	DRA 22-10-133 C002
Class Guideline	DNV	DNVGL-CG-0339	pending
Type approval	DNV	MED-B	pending
Ingress Protection	FM	IP67, NEMA Type 6P	

Notified Body (Europe)

please refer to the CE Declaration of Conformity

Importer (UK)

Draeger Safety UK Ltd
Ullswater Close,
Blyth Riverside Business Park
Blyth, Northumberland NE24 4RG, UK



EU-Konformitätserklärung
EU-Declaration of Conformity

Dokument Nr. / Document No. 11349786-00



Wir / we Dräger Safety AG & Co. KGaA, Revalstraße 1, 23560 Lübeck, Germany

erklären in alleiniger Verantwortung, dass das Produkt
declare under our sole responsibility that the product

Flammdetektor Typ Flame 1350
Flame Detector type Flame 1350

mit der EU-Baumusterprüfbescheinigung / Expertise **FM23ATEX0058X**
is in conformity with the EU-Type Examination Certificate / Expertise

ausgestellt von der notifizierten Stelle mit der Kenn-Nr. **FM Approvals Europe Limited**
issued by the Notified Body with Identification No. One Georges Quay Plaza
Dublin, D02 E440
Ireland
2809

und mit den folgenden Richtlinien unter Anwendung der aufgeführten Normen übereinstimmt
and is in compliance with the following directives by application of the listed standards

Bestimmungen der Richtlinie <i>provisions of directive</i>		Nummer sowie Ausgabedatum der Norm <i>Number and date of issue of standard</i>
2014/34/EU	ATEX-Richtlinie <i>ATEX Directive</i>	EN IEC 60079-0:2018, EN 60079-1:2014
2014/30/EU	EMV Richtlinie <i>EMC Directive</i>	EN 50130-4:2011, EN 61000-6-3:2007 + A1:2011
2011/305/EU	Bauprodukte Richtlinie <i>Construction Products Directive</i>	EN 54-10:2002 + A1:2005
2011/65/EU 2015/863/EU	RoHS-Richtlinie <i>RoHS Directive</i>	EN IEC 63000:2018

Überwachung der Qualitätssicherung Produktion durch: **DEKRA Testing and Certification GmbH**
Surveillance of Quality Assurance Production: Handwerkstrasse 15
70565 Stuttgart
0158

Lübeck, 2024-06-26

Ort und Datum (jjjj-mm-tt)
Place and date (yyyy-mm-dd)

Ingo Pooch
Head of R&D Safety



EU-Konformitätserklärung
EU-Declaration of Conformity

Dokument Nr. / Document No. 11129046-02



Wir / we Dräger Safety AG & Co. KGaA, Revalstraße 1, 23560 Lübeck, Germany

erklären in alleiniger Verantwortung, dass das Produkt
declare under our sole responsibility that the product

Flammdetektor Typ Flame 1500 / 1750
Flame Detector type Flame 1500 / 1750

mit der EU-Baumusterprüfbescheinigung/
Baumusterprüfbescheinigung Expertise **FM21ATEX0012X**
*is in conformity with the EU-Type Examination Certificate/
Type Examination Certificate Expertise* **MEDB00008K9, MERB00008K9**

ausgestellt von der notifizierten Stelle mit der Kenn-Nr. **FM Approvals Europe Limited**
issued by the Notified Body with Identification No. One Georges Quay Plaza
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Ireland
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DNV SE
Brooktorkai 18
D-20457 Hamburg
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DNV UK Ltd.
30 Stamford Street
London SE1 9LQ
United Kingdom
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und mit den folgenden Richtlinien/Verordnungen unter Anwendung der aufgeführten Normen übereinstimmt
and is in compliance with the following directives/regulations by application of the listed standards

Bestimmungen der Richtlinie/Verordnung <i>provisions of directive/regulation</i>		Nummer sowie Ausgabedatum der Norm <i>Number and date of issue of standard</i>
2014/34/EU	ATEX-Richtlinie <i>ATEX Directive</i>	EN IEC 60079-0:2018, EN 60079-1:2014
2014/30/EU	EMC Richtlinie <i>EMC Directive</i>	EN 50130-4:2011, EN 61000-6-3:2007+A1:2011
2011/305/EU	Bauprodukte Richtlinie <i>Construction Products Directive</i>	EN 54-10:2002+A1:2005
2011/65/EU 2015/863/EU	RoHS-Richtlinie <i>RoHS Directive</i>	EN IEC 63000:2018
2014/90/EU ¹⁾	Schiffsausrüstungs-Richtlinie <i>Marine Equipment Directive, (in conjunction with the latest EU implementing Reg.) item No. 3.51e.</i>	EN 54-10:2002+A1:2005, IEC 60092-504:2016, IEC 60533:2015
SI 2016/1025 ¹⁾	Merchant Shipping Regulation <i>(in conjunction with the latest implementing Reg.) item No. 3.51e.</i>	

¹⁾ nichtzutreffend für Flammdetektor Typ Flame 1750 / not applicable for Flame Detector type Flame 1750

Überwachung der Qualitätssicherung Produktion durch: **DEKRA Testing and Certification GmbH**
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Zertifikat-Nr.:
Certificat No.:

MEDD00000TF, Rev. No.: xx
Valid until: 2029-02-05

MERD00000TF, Rev. No.: xx
Valid until: 2029-02-05

Lübeck, 2024-07-10

Ort und Datum (jjjj-mm-tt)
Place and date (yyyy-mm-dd)

Ingo Pooch
Head of R&D Safety