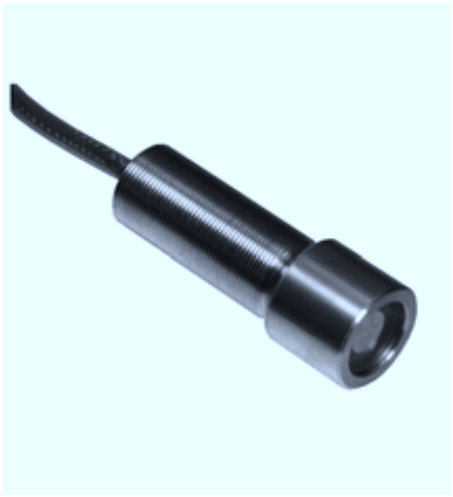


Model Number

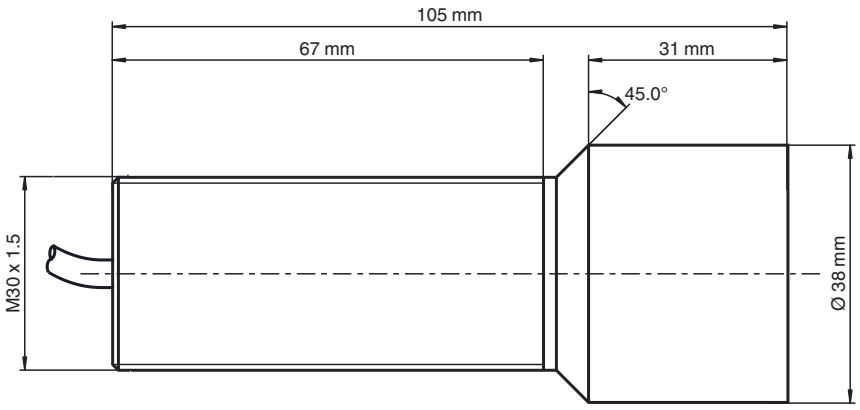
IPH-30GM105-EXD dS64M-1038

LF read/write head, for IDENT*Control*, for hazardous areas

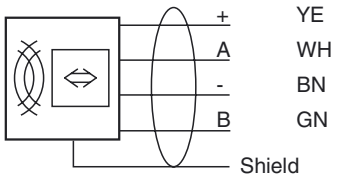
Features

- **Read/write head with thread M30 x 1.5**
- **Flameproof enclosure**
- **ATEX-approval for zone 1 and zone 21**
- **Degree of protection IP68**
- **15 m connection cable**

Dimensions



Connection



Technical Data

General specifications		
Operating frequency		125 kHz
Transfer rate		2 kBit/s
Operating distance		maximum: 10 mm
UL File Number		E87056
Functional safety related parameters		
$MTTF_d$		640 a
Mission Time (T_M)		10 a
Diagnostic Coverage (DC)		0 %
Electrical specifications		
Power consumption	P_0	≤ 1.8 W
Type of protection		Ex II 2G EEx d IIC T6/T5 Ex II 2D EEx tD A21 IP68 T80°C/95°C
Supply		from the IDENTControl
Ambient conditions		
Ambient temperature		-20 ... 50 °C (-4 ... 122 °F)
Storage temperature		-20 ... 50 °C (-4 ... 122 °F)
Mechanical specifications		
Degree of protection		IP68
Connection		15 m connecting cable included with delivery Connection e.g. with terminal boxes Series GL5
Material		
Housing		Stainless steel 1.4404 / AISI 316L
Installation		flush
Distance between two heads		Multiplex on: ≥ 155 mm Multiplex off: ≥ 350 mm
Mass		approx. 2000 g
Compliance with standards and directives		
Directive conformity		
ATEX Directive 94/9/EC		EN 60079-0:2006, EN 60079-1:2004, EN 61241-0:2006, EN 61241-1:2004
R&TTE Directive 1995/5/EC		EN 301489-1:2008, EN 301489-3:2002, EN 300330-2:2006, EN 60950-1:2006
Standard conformity		
Electromagnetic compatibility		EN 61326-1:2006
Degree of protection		EN 60529:2000
Standards		EN 60079-0:2009, EN 60079-1:2007, EN 61241-0:2007, EN 61241-1:2005 , EN 60950-1:2006

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ATEX 2G

Instruction	**Manual electrical apparatus for hazardous areas**
Device category 2G	for use in hazardous areas with gas, vapour and mist
EC-Type Examination Certificate	PTB 03 ATEX 1130
CE marking	CE 0044
ATEX marking	Ex II 2G Ex d IIC T6/T5
Directive conformity	94/9/EG
Standards	EN 60079-0:2006, EN 60079-1:2004, EN 61241-0:2006, EN 61241-1:2004 Flameproof enclosure ignition protection class Use is restricted to the following stated conditions
Appropriate type	dS64 M-1038
General	The apparatus has to be operated according to the appropriate data in the data sheet and in this instruction manual. The EC-Type Examination Certificate has to be observed. The special conditions must be adhered to! Directive 94/9/EG and hence also EC-Type Examination Certificates apply in general only to the use of electrical apparatus under atmospheric conditions. If the equipment is not used under atmospheric conditions, a reduction of the permissible minimum ignition energies may have to be taken into consideration.
Ambient temperature	The temperature ranges, according to temperature class, are given in the EC-Type Examination Certificate.
Installation, commissioning	Laws and/or regulations and standards governing the use or intended usage goal must be observed. The connection cable on the compact device, controller, and control unit must be securely fastened and sufficiently protected from mechanical damage. Select a connection cable that is able to meet the thermal requirements of the relevant area of application. Equipotential bonding and grounding is guaranteed by connecting the compact device, controller, and control unit to the overall installation.
Maintenance	No changes can be made to apparatus, which are operated in hazardous areas. Repairs to these apparatus are not possible.
Special conditions	none

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ATEX 2D

Instruction	**Manual electrical apparatus for hazardous areas**
Device category 2D	for use in hazardous areas with combustible dust
EC-Type Examination Certificate	PTB 03 ATEX 1130
CE marking	CE 0044
ATEX marking	Ex II 2D Ex tD A21 IP68 T 80°C/95°C
Directive conformity	94/9/EG
Standards	EN 60079-0:2006, EN 60079-1:2004, EN 61241-0:2006, EN 61241-1:2004 Flameproof enclosure ignition protection class Use is restricted to the following stated conditions
Appropriate type	dS64 M-1038
General	The apparatus has to be operated according to the appropriate data in the data sheet and in this instruction manual. The EC-Type Examination Certificate has to be observed. The special conditions must be adhered to! Directive 94/9/EG and hence also EC-Type Examination Certificates apply in general only to the use of electrical apparatus under atmospheric conditions. If the equipment is not used under atmospheric conditions, a reduction of the permissible minimum ignition energies may have to be taken into consideration.
Ambient temperature	The temperature ranges, according to temperature class, are given in the EC-Type Examination Certificate.
Installation, commissioning	Laws and/or regulations and standards governing the use or intended usage goal must be observed. The connection cable on the compact device, controller, and control unit must be securely fastened and sufficiently protected from mechanical damage. Select a connection cable that is able to meet the thermal requirements of the relevant area of application. Equipotential bonding and grounding is guaranteed by connecting the compact device, controller, and control unit to the overall installation.
Maintenance	No modifications must be undertaken on apparatus, which is operated in hazardous areas. Repairs to such apparatus are not permissible.
Special conditions	none

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