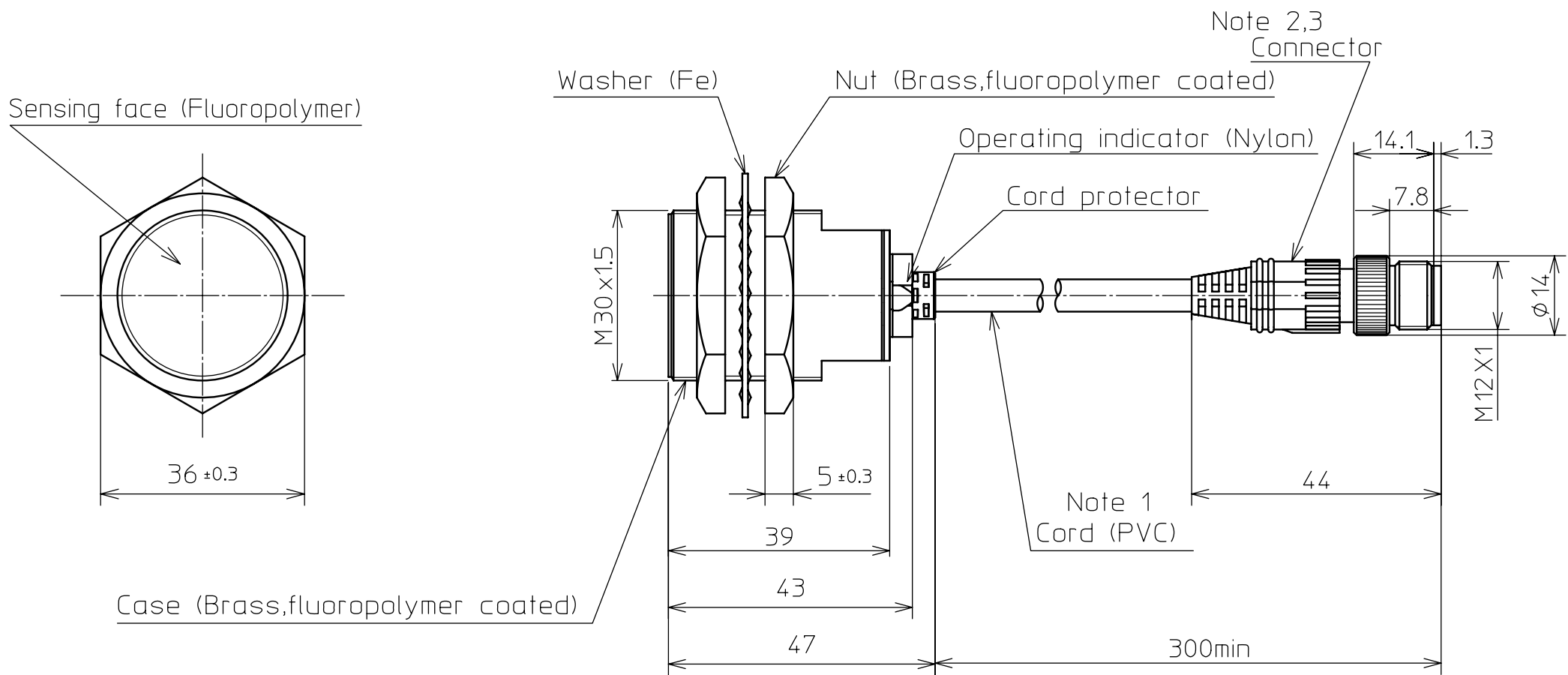


SR. No.
320-4-041-2

Azbil Corporation

製品仕様書
SPECIFICATIONS

1. Mounting dimensions



- Note 1. Cord : UL cord (oil resistance & vibration resistance. dia. : $\phi 5.7$, 0.5mm^2)
2. Material of connector.
- Housing : Polyester elastomer / light gray
- Contact : Au plated brass
- Rock ring : Ni plated brass
3. Please use the “PA5” series (DC type) of our VA connector.
4. UL listed product. (File No. E252012, class 2 circuit)

≤3	≤6	≤30	≤120
±0.2	±0.3	±0.5	±0.8

作成DR. T.Honma 9-4 '08	形番 MODEL FL7M-10K6WE-910	尺度SCALE 1 : 1	記入のない公差 TOL. UNLESS NOTED REFER ABOVE LIST FOR TOL. UNLESS NOTED.
検図CHK. S.Kawai 9-4 '08	名称 NAME Proximity switch		
認可APPD T.Nakao 9-4 '08	図番 NO. AD15499E	改番REV. 01	1/3


3 01
2 01
頁 改番

01	ECOP10-1790	9-1 '10	T.O.	S.K.
改番 REV.	来歴 RECORD	: 日付 DATE	担当 BY	検閲 APPD.

3. Connection diagram

Contact layout

Load can be connected to either of the lead wires.

作成DR. T.Honma 9-4 '08		尺度 SCALE ~	記入のない公差 TOL. UNLESS NOTED ~
検図CHK. S.Kawai 9-4 '08	形 番 MODEL	FL7M-10K6WE-910	
認可 APPD T.Nakao 9-4 '08	名 称 NAME	Proximity switch	
日付 DATE	図 番 NO	AD15499E	改番 REV. 01 / 2

SR. No.	<h1>Azbil Corporation</h1>				製品仕様書 SPECIFICATIONS																			
	<div style="margin-bottom: 20px;">4. Product revision change record</div> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 20px;"> <tr> <th style="width: 5%;"></th> <th style="width: 15%;">Date</th> <th style="width: 20%;">Catalogue listing</th> <th style="width: 20%;">Product Rev. No.</th> <th style="width: 40%;">Content of change</th> </tr> <tr> <td style="text-align: center;">1</td> <td>2008/9/4</td> <td style="text-align: center;">All</td> <td style="text-align: center;">01</td> <td>New issue</td> </tr> <tr> <td style="text-align: center;">2</td> <td>2008/9/4</td> <td style="text-align: center;">All</td> <td style="text-align: center;">02</td> <td>Dimension and structure change</td> </tr> </table> <div>5. Product revision</div> <p style="margin-top: 10px;">The 2-digit product revision number is shown after the catalogue listing on the cord.</p> <p style="margin-top: 20px;">ex.: FL7M-10K6WE-910 02</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">①</div> <div style="text-align: center;">②</div> <div>① Catalogue listing</div> <div>② Product revision number</div> </div> <div style="margin-top: 40px;"> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th style="width: 50%;">Catalogue listing</th> <th style="width: 50%;">Product Rev. No.</th> </tr> <tr> <td>FL7M-10K6WE-910</td> <td>02</td> </tr> </table> </div>							Date	Catalogue listing	Product Rev. No.	Content of change	1	2008/9/4	All	01	New issue	2	2008/9/4	All	02	Dimension and structure change	Catalogue listing	Product Rev. No.	FL7M-10K6WE-910
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SP.NO.	Azbil Corporation		製品仕様書 SPECIFICATIONS			
	<p>Terms and Conditions</p> <p>We would like to express our appreciation for your purchase and use of Azbil Corporation's products.</p> <p>You are required to acknowledge and agree upon the following terms and conditions for your purchase of Azbil Corporation's products (system products, field instruments, control valves, and control products), unless otherwise stated in any separate document, including, without limitation, estimation sheets, written agreements, catalogs, specifications and instruction manuals.</p> <p>1 Warranty period and warranty scope</p> <p>1.1 Warranty period</p> <p>Azbil Corporation's products shall be warranted for one (1) year from the date of your purchase of the said products or the delivery of the said products to a place designated by you.</p> <p>1.2 Warranty scope</p> <p>In the event that Azbil Corporation's product has any failure attributable to azbil during the aforementioned warranty period, Azbil Corporation shall, without charge, deliver a replacement for the said product to the place where you purchased, or repair the said product and deliver it to the aforementioned place.</p> <p>Notwithstanding the foregoing, any failure falling under one of the following shall not be covered under this warranty:</p> <ul style="list-style-type: none">(1) Failure caused by your improper use of azbil product (Noncompliance with conditions, environment of use, precautions, etc. set forth in catalogs, specifications, instruction manuals, etc.);(2) Failure caused for other reasons than Azbil Corporation's product;(3) Failure caused by any modification or repair made by any person other than Azbil Corporation or Azbil Corporation's subcontractors;(4) Failure caused by your use of Azbil Corporation's product in a manner not conforming to the intended usage of that product;(5) Failure that the state-of-the-art at the time of Azbil Corporation's shipment did not allow Azbil Corporation to predict; or(6) Failure that arose from any reason not attributable to Azbil Corporation, including, without limitation, acts of God, disasters, and actions taken by a third party. <p>Please note that the term "warranty" as used herein refers to equipment-only-warranty, and Azbil Corporation shall not be liable for any damages, including direct, indirect, special, incidental or consequential damages in connection with or arising out of Azbil Corporation's products.</p> <p>2 Ascertainment of suitability</p> <p>You are required to ascertain the suitability of Azbil Corporation's product in case of your use of the same with your machinery, equipment, etc. (hereinafter referred to as "Equipment") on your own responsibility, taking the following matters into consideration:</p> <ul style="list-style-type: none">(1) Regulations and standards or laws that your Equipment is to comply with.(2) Examples of application described in any documents provided by Azbil Corporation are for your reference purpose only, and you are required to check the functions and safety of your Equipment prior to your use.(3) Measures to be taken to secure the required level of the reliability and safety of your Equipment in your use <p>Although azbil is constantly making efforts to improve the quality and reliability of Azbil Corporation's products, there exists a possibility that parts and machinery may break down.</p> <p>You are required to provide your Equipment with safety design such as fool-proof design, *1 and fail-safe design *2 (anti-flame propagation design, etc.), whereby preventing any occurrence of physical injuries, fires, significant damage, and so forth. Furthermore, fault avoidance, *3 fault tolerance, *4 or the like should be incorporated so that the said Equipment can satisfy the level of reliability and safety required for your use.</p> <ul style="list-style-type: none">*1. A design that is safe even if the user makes an error.*2. A design that is safe even if the device fails.*3. Avoidance of device failure by using highly reliable components, etc.*4. The use of redundancy. <p>3 Precautions and restrictions on application</p> <p>Azbil Corporation's products other than those explicitly specified as applicable (e.g. azbil Limit Switch For Nuclear Energy) shall not be used in a nuclear energy controlled area (radiation controlled area).</p> <p>Any Azbil Corporation's products shall not be used for/with medical equipment.</p> <p>The products are for industrial use. Do not allow general consumers to install or use any Azbil Corporation's product. However, azbil products can be incorporated into products used by general consumers. If you intend to use a product for that purpose, please contact one of our sales representatives.</p> <p>In addition, you are required to conduct a consultation with our sales representative and understand detail specifications, cautions for operation, and so forth by reference to catalogs, specifications, instruction manual, etc. in case that you intend to use azbil product for any purposes specified in (1) through (6) below.</p> <p>Moreover, you are required to provide your Equipment with fool-proof design, fail-safe design, anti-flame propagation design, fault avoidance, fault tolerance, and other kinds of protection/safety circuit design on your own responsibility to ensure reliability and safety, whereby preventing problems caused by failure or nonconformity.</p>					
頁	改番	改番 REV.	来歴 RECORD	日付 DATE	担当 BY	照査 CHK.

SP.NO.	Azbil Corporation				製品仕様書 SPECIFICATIONS	
	<div><div>(1) For use under such conditions or in such environments as not stated in technical documents, including catalogs, specification, and instruction manuals</div><div>(2) For use of specific purposes, such as:<div>* Nuclear energy / radiation related facilities [For use outside nuclear energy controlled areas] [For use of Azbil Corporation's Limit Switch For Nuclear Energy] * Machinery or equipment for space/sea bottom * Transportation equipment [Railway, aircraft, vessels, vehicle equipment, etc.] * Antidisaster / crime-prevention equipment * Burning appliances * Electrothermal equipment * Amusement facilities * Facilities / applications associated directly with billing</div></div><div>(3) Supply systems such as electricity / gas / water supply systems, large-scale communication systems, and traffic / air traffic control systems requiring high reliability</div><div>(4) Facilities that are to comply with regulations of governmental / public agencies or specific industries</div><div>(5) Machinery or equipment that may affect human lives, human bodies or properties</div><div>(6) Other machinery or equipment equivalent to those set forth in items (1) to (5) above which require high reliability and safety</div></div> <div><div>4 Precautions against long-term use</div><div>Use of Azbil Corporation's products, including switches, which contain electronic components, over a prolonged period may degrade insulation or increase contact-resistance and may result in heat generation or any other similar problem causing such product or switch to develop safety hazards such as smoking, ignition, and electrification. Although acceleration of the above situation varies depending on the conditions or environment of use of the products, you are required not to use any Azbil Corporation's products for a period exceeding ten (10) years unless otherwise stated in specifications or instruction manuals.</div></div> <div><div>5 Recommendation for renewal</div><div>Mechanical components, such as relays and switches, used for Azbil Corporation's products will reach the end of their life due to wear by repetitious open/close operations. In addition, electronic components such as electrolytic capacitors will reach the end of their life due to aged deterioration based on the conditions or environment in which such electronic components are used. Although acceleration of the above situation varies depending on the conditions or environment of use, the number of open/close operations of relays, etc. as prescribed in specifications or instruction manuals, or depending on the design margin of your machine or equipment, you are required to renew any Azbil Corporation's products every 5 to 10 years unless otherwise specified in specifications or instruction manuals. System products, field instruments (sensors such as pressure / flow / level sensors, regulating valves, etc.) will reach the end of their life due to aged deterioration of parts. For those parts that will reach the end of their life due to aged deterioration, recommended replacement cycles are prescribed. You are required to replace parts based on such recommended replacement cycles.</div></div> <div><div>6 Other precautions</div><div>Prior to your use of Azbil Corporation's products, you are required to understand and comply with specifications (e.g., conditions and environment of use), precautions, warnings / cautions / notices as set forth in the technical documents prepared for individual Azbil Corporation's products, such as catalogs, specifications, and instruction manuals to ensure the quality, reliability, and safety of those products.</div></div> <div><div>7 Changes to specifications</div><div>Please note that the descriptions contained in any documents provided by azbil are subject to change without notice for improvement or for any other reason. For inquires or information on specifications as you may need to check, please contact our branch offices or sales offices, or your local sales agents.</div></div> <div><div>8 Discontinuance of the supply of products / parts</div><div>Please note that the production of any Azbil Corporation's product may be discontinued without notice. For repairable products, we will, in principle, undertake repairs for five (5) years after the discontinuance of those products. In some cases, however, we cannot undertake such repairs for reasons, such as the absence of repair parts. For system products, field instruments, we may not be able to undertake parts replacement for similar reasons.</div></div> <div><div>9 Scope of services</div><div>Prices of Azbil Corporation's products do not include any charges for services such as engineer dispatch service. Accordingly, a separate fee will be charged in any of the following cases:<div><div>(1) Installation, adjustment, guidance, and attendance at a test run</div><div>(2) Maintenance, inspection, adjustment, and repair</div><div>(3) Technical guidance and technical education</div><div>(4) Special test or special inspection of a product under the conditions specified by you</div></div><div>Please note that we cannot provide any services as set forth above in a nuclear energy controlled area (radiation controlled area) or at a place where the level of exposure to radiation is equivalent to that in a nuclear energy controlled area.</div></div></div> <div><div>頁 改番</div><div>改番 REV.</div><div>来歴 RECORD</div><div>日付 DATE</div><div>担当 BY</div><div>照査 CHK.</div></div>					