



VK

VK2/A0-1B86

Ind.M18,2 wires AC-NO,Cable,Sch-STD

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	5mm
Operanting distance	0...4,05mm
Standard target	18x18mm FE360
Correction Factor	copper: 0,35 / aluminium: 0,40 / brass: 0,50 / stainless steel: 0,80
Thermal drift of Sr	< 10%
Repeat Accuracy	< 5% (UB 24V Ta=23°C ±5°C)
Hysteresis	1 ... 20%

Application

Description	M18 standard flush mount
Functions	Proximity

Outputs	
Output type	TRIAC
Output Function	NO
Switching frequency	25Hz

Electrical data	
Operating Voltage	20...250Vac/50...60Hz
Load current	5...300mA
Leakage current	≤ 1mA RMS max
Output voltage drop	See curves
Max ripple content	≤ 10%
LED indicators	Yellow LED output state
Time delay before availability	≤ 200ms
Inrush current	7A (Ton = 10ms)

Mechanical data	
Mounting	Shielded
Material	Nickel-plated brass
Housing material	Nickel-plated brass
Connections	5m PVC Cable
Active Head Material	PBT

Tightening torque	25Nm
-------------------	------

Diameter/Dimension	M18
--------------------	-----

Test/Approvals

Approvals	CE UR
-----------	-------

EMC compatibility	IEC 60947-5-2
-------------------	---------------

Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
-----------------------	--

Accessories

Supplied Accessories	2 nuts M18x1
----------------------	--------------

Generical Data

Dimensions	M18 x 1 / L = 76,5mm
------------	----------------------

Operating Temperature	-25°C...+70°C
-----------------------	---------------

Mechanical Protection	IP67
-----------------------	------

Datasensing S.r.l.

Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail
info@datasensing.com

**date of
printing**
10/08/2026
02:53:20