



VIA MAESTRI DEL
LAVORO,30
(ZONA INDUSTRIALE)
56021 CASCINA (PI)
ITALY

CAPITALE SOCIALE
100.000,00 €

C.F. E P.I. 01252870504



+39 050 711131



+39 050 711472



isacsrl@isacsrl.it



<http://www.isacsrl.it/>

OPPILOT14

+

OPPILOTBR

PILOT IO-Link Handheld Dashboard With 5" TFT display

No.2 Digital Potentiometer Handwheel

Reduced Data sheet

Version: 2

Date: 06.10.2026

Overview

The OPPILOT14 is a programmable Handheld dashboard based on IO-Link bus. A wall mounted pass-through connection panel, OPPILOTBR, can be supplied. More than one OPPILOTBR is supported in the same machine. Since the OPPILOT14 is hot pluggable, the connection panel is also useful for connecting the same device to distant parts.



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Part Number

Code

Code	Description
OPPILOT14	Machine control via Advanced Mobile Panels including Electronic Handwheel and Touch Screen Hot Connection/Disconnection
OPPILOTBR	Pass-through Connection Panel for OPPILOT14

Product status

Item	Value
Status	In production
In production since:	Jan 2024
In production at least since:	Jan 2029

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Technical data summary

OPPILOT14

Power Management	
Rated input voltage	24Vdc
Electrical protection	Reverse Polarity Overload Overvoltage
Connection bus	
Protocol	IO-Link type A
Connection	M10 shielded push-pull
Cable length	90-250 cm
Operating and storage conditions	
Operating temperature	0 ... 50 °C
Storage temperature	-10 ... 70 °C
Humidity	Up to 90%
Protection degree	IP54
I/O Interface	
Keyboard	No.6 Keys
Keyboard Status	No.6 White LEDs
Speed Selector	No.1 Potentiometer
Feed Selector	No.1 Potentiometer
Functional safety	
Emergency Button	No.2 NC contacts
Deadman's Button	No.2 NO contacts

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Hardware Diagnostic	
Device Status	Green LED

OPPILOTBR00

Front Connection	
Bus Connection	Metal Circular Socket push-pull Connector
Rear Connections	
IO-Link Connection	Metal Circular M12 4 poles plug Connector
Safety Signals Connection	Metal Circular M12 8 poles plug Connector

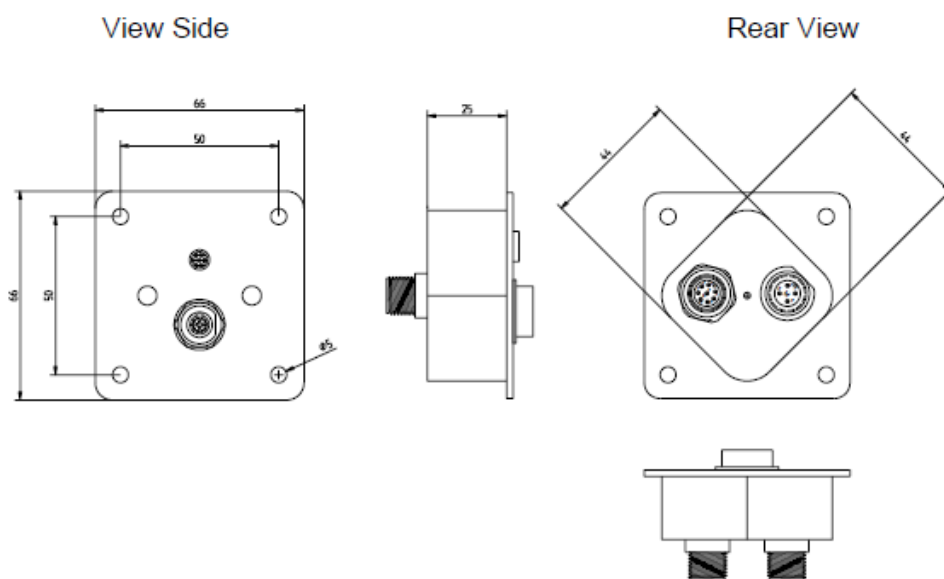
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Layout and dimension

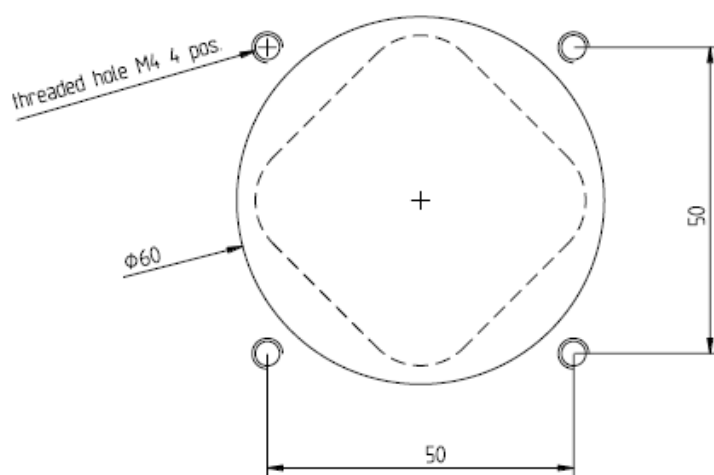
	<i>Unit</i>	<i>Width</i>	<i>Height</i>	<i>Depth</i>
OPPILOT14 (*)	[mm]	155	235	80
OPPILOTBR (*)	[mm]	66	66	25

(*) Connector dimensions are not included

OPPILOTBR00 Layout and Panel Cut



OPPILOTBR Layout



OPPILOTBR Panel Cut



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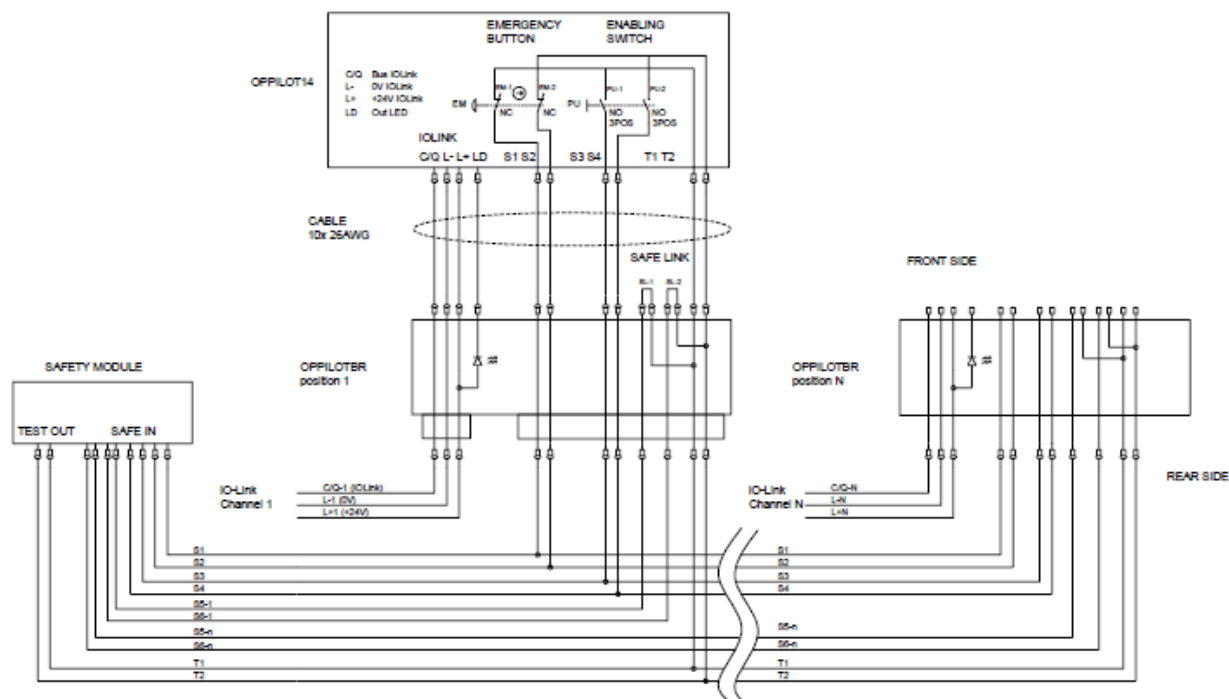


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OPPILOTBR Connection Diagram



Certifications

Certification	Description
CE	EU Declaration of Conformity: EMC Directive 2014/30/UE Standards used: EN 61000-6-2:2019 EN 61000-6-4:2019
RoHS	Declaration of Conformity: RoHS Directive 2011/65/EU
Origin	Italy

Reference documents

Full Technical Data sheet: OPPILOT14