

INDUSTRIAL COMPONENT DATA

ICS05S23F15M5IO CARLO GAVAZZI Inductive M5 with IO-Link communication, M5, M8 Connector, built-in, detection..

Brand: CARLO GAVAZZI | Manufacturer Part Number: ICS05S23F15M5IO



Manufacturer	CARLO GAVAZZI
MPN / Reference	ICS05S23F15M5IO
Catalog number	10000
Category	Inductive proximity switch
Minimum order	1 Pcs
Document ID	EO-87BBF832E2
Generated	2026-08-05

Product Overview

Inductive M5 with IO-Link communication, M5, M8 Connector, built-in, detection 0.8 or 1.3 mm
Inductive proximity sensor, M5 Stainless steel, M8 plug, Sn 1.5mm, Flush mount, Short body, NPN/PNP/Push-pull, NO/NC,
Supply voltage 10-30Vdc, Max output current 100 mA, Max switching frequency 4.5 kHz, Operating temperature -25C -
+70C, IP67, IO-Link

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path **CARLO GAVAZZI > Sensors > Inductive and Loop Detector**

Additional Product Information

Specifications

Rated operating distance1.5 mmInstallation typeFlushDiameterM5Output typePNP/NPNOutput
functionProgrammable/configurableConnection typeConnector M8Housing typeCylindrical, threaded barrelHousing
materialMetalRated power supply10 V ... 30 V
ETIM for ICS05S23F15M5IO Sensors (EC002714)
Feature Name
Feature Value
Length of sensor (EF007334)
38.2 mm
Diameter sensor (EF007111)
5 mm
Mechanical mounting condition for sensor (EF004041)

Concise

Switching distance (EF003647)

1.5 mm

Suitable for safety functions (EF001597)

No

Type of switch function (EF003963)

Programmable/configurable

Type of switching output (EF003962)

PNP/NPN

Type of electric connection (EF003961)

Connector M8

Number of semiconductor outputs with signalling function (EF003945)

1

Number of protected semiconductor outputs (EF003951)

1

Type of actuation (EF006949)

Metallic Target

Type of interface (EF006977)

Other

Type of interface for safety communication (EF003956)

None

Construction type housing (EF004008)

Cylinder, screw-thread

Coating housing (EF001601)

Other

Cascadable (EF000507)

No

Max. output current at protected output (EF004035)

100 mA

Supply voltage (EF004127)

10 V

Rated control supply voltage DC (EF003980)

10 V

Voltage type (EF000187)

DC

Switching frequency (EF003587)

4500 Hz

Housing material (EF001596)

Metal

Compression-resistant (EF007106)

No

Interference resistance to magnetic fields (EF008275)

Immune against magnetic DC- and AC-field

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / ICS05S23F15M5IO with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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