

## INDUSTRIAL COMPONENT DATA

# E57-12GE05-GDB 135870 Y7-135870 EATON ELECTRIC Proximity switch, inductive, 1N/O, Sn 5mm, 3L, 10-30VDC, PNP,..

Brand: EATON - MOELLER | Manufacturer Part Number: E57-12GE05-GDB



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | EATON - MOELLER            |
| MPN / Reference | E57-12GE05-GDB             |
| Catalog number  | Y7-135870                  |
| Category        | Inductive proximity switch |
| Minimum order   | 1 Pcs                      |
| Document ID     | EO-2C8B6EA433              |
| Generated       | 2026-08-01                 |

## Product Overview

Proximity switch, inductive, 1N/O, Sn=5mm, 3L, 10-30VDC, PNP, M12, metal, M12

E57-12GE05-GDB

Proximity switch, E57 Global Series, 1 N/O, 3-wire, 10 - 30 V DC, M12 x 1 mm, Sn= 5 mm, Flush, PNP, Metal, Plug-in connection M12 x 1

Proximity switch, Inductive Sensors, Product range: E57 Global Series, Connection: 3-wire, Design (outer dimensions): M12 x 1 mm, Rated operational voltage: Ue= 10 - 30 V DC, Rated switching distance: Sn= 5 mm, Type of mounting: Flush, Switching type: PNP, Plug-in connection M12 x 1, Contacts N/O = Normally open: 1 N/O, Material: Metal, Degree of Protection: IP67, IP69K, Standards: IEC/EN 60947-5-2

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

|              |                           |
|--------------|---------------------------|
| Catalog path | EATON - MOELLER > Sensors |
|--------------|---------------------------|

## Additional Product Information

Proximity switch, E57 Global Series, 1 N/O, 3-wire, 10 - 30 V DC, M12 x 1 mm, Sn= 5 mm, Flush, PNP, Metal, Plug-in connection M12 x 1 Proximity switch, Inductive Sensors, Product range: E57 Global Series, Connection: 3-wire, Design (outer dimensions): M12 x 1 mm, Rated operational voltage: Ue= 10 - 30 V DC, Rated switching distance: Sn= 5 mm, Type of mounting: Flush, Switching type: PNP, Plug-in connection M12 x 1, Contacts N/O = Normally open: 1 N/O, Material: Metal, Degree of Protection: IP67, IP69K, Standards: IEC/EN 60947-5-2

General specifications Product name Eaton Moeller® series E57 Proximity switch Part

no.E57-12GE05-GDBEAN4015081326631Product Length/Depth114.3 millimetreProduct height12.7 millimetreProduct width25.4 millimetreProduct weight0.026 kilogramCertificationsCSA

CSA File No.: 224447

CSA Class No.: 4652-04 / 4652-84

IEC/EN 60947-5-2

UL 508

CE

UL File No.: CSA report applies to both US and Canada

CSA-C22.2 No. 14Product TradenameE57Product TypeProximity switchProduct Sub TypeNoneProduct Specification

DetailsActuation typeMetallic TargetAmbient operating temperature - max60 °CAmbient operating temperature - min0

°CCategory (EN 954-1)BConnection type3-wire

Plug-in connection M12 x 1Degree of protectionIP67

IP69

NEMA OtherDiameter sensor12 mmDiameter sensor [7EF007111]mmEL number4315369Electric connection typePlug-in connectionEnclosure materialMetalEnclosure material finishingOtherEnclosure typeCylinder, screw-threadExplosion safety category for dustNoneExplosion....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / E57-12GE05-GDB with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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