

86BSD015PG-3AIC

✓ ACTIVE

MEAS | MEAS 86 Series

TE Internal #: 86BSD015PG-3AIC  
TE Internal Description: 15 PSIG 14 BIT DIGITAL PRESSURE  
SENSOR  
16MM DIGITAL OUTPUT PRESSURE SENSOR

[View on TE.com >](#)



Sensors > Pressure Sensors > Media Isolated Pressure Sensors > 16MM DIGITAL OUTPUT PRESSURE SENSOR



Pressure: [ 15 psi ]  
Pressure Sensor Type: Digital Pressure Sensor  
Pressure Type: Gauge  
Supply Voltage Range: 5 V  
Operating Temperature Range: -40 – 125 °C [ -40 – 257 °F ]

[All 16MM DIGITAL OUTPUT PRESSURE SENSOR \(7\)](#)

Features

Product Type Features

Pressure Sensor Type	Digital Pressure Sensor
Pressure Type	Gauge
Sensor Package	O-Ring Mount

Configuration Features

Electrical Connection	Cable w/ Connector
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Electrical Characteristics

Supply Current	1.5 mA
Supply Voltage Range	5 V

Dimensions

Product Diameter	15.82 mm[.622 in]
Product Height	9.3 mm[.366 in]

Usage Conditions

Total Error Band ±	1 %
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

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Pressure Accuracy ±	.25 %
Proof Pressure Range	3X
Output Interface	I <sup>2</sup> C (0x28H)
	15 psi

Other

Sensor Options	None
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts





TE Part # CAT-MIPS0037  
16MM DIGITAL OUTPUT PRESSURE  
SENSOR

Also in the Series

MEAS 86 Series



Media Isolated Pressure Sensors(40)

Customers Also Bought



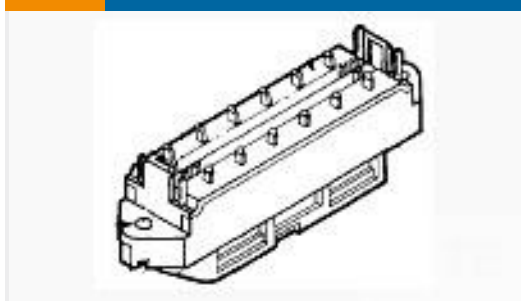
TE Part #89-05KA-0U  
9MM MV OUTPUT PRESSURE SENSOR



TE Part #T4110001051-000  
M12,FEMALE,STRAIGHT,A CODE,5P,  
PG7,GOLD




TE Part #1676966-1  
SMW2 R10 5%



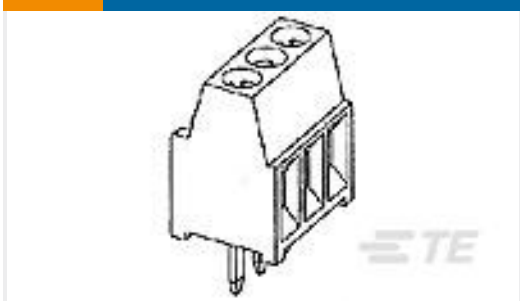
TE Part #554088-1  
RCPT ASSY,24 POS,PANEL MTG,LPF



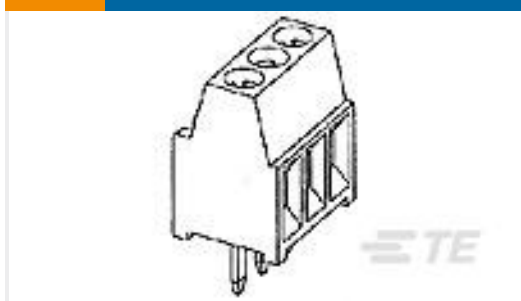
TE Part #1546306-4  
4P .374" DR BARRIER STRIP



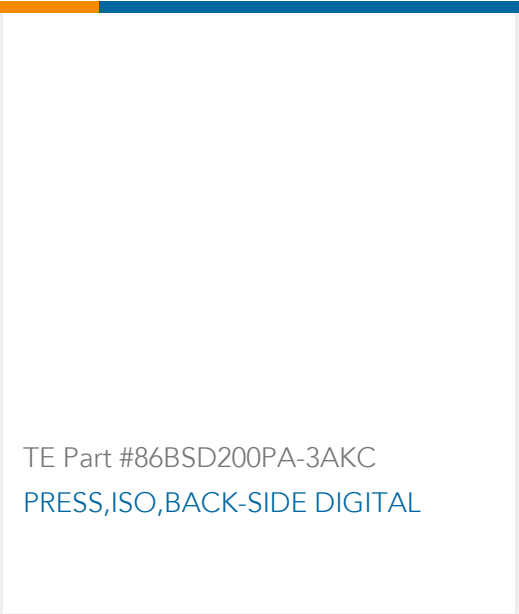
TE Part #282834-2  
TERMI-BLOK PCB MOUNT, 90 2P.



TE Part #282834-3  
TERMI-BLOK PCB MOUNT, 90 3P.



TE Part #282834-4  
TERMI-BLOK PCB MOUNT, 90 4P.



TE Part #86BSD200PA-3AKC  
PRESS,ISO,BACK-SIDE DIGITAL



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_86BSD015PG-3AIC\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_86BSD015PG-3AIC\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_86BSD015PG-3AIC\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

86BSD

English