M32PS

V0.2.5

# **DIAGNOSIS ADAPTER** FOR MOLEX<sup>®</sup> CMC CONNECTORS

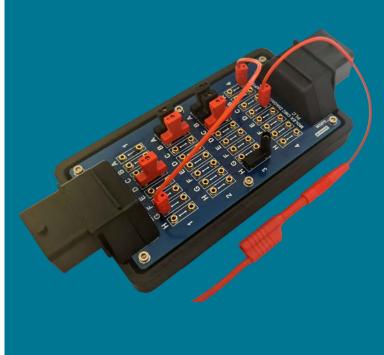
Transparent In-Circuit test adapter for service, commissioning, development and training

#### **OVERVIEW**

Molex CMC connectors are modular, sealed, high-density hybrid connectors. Beyond many advantages of these wide used connectors in automotive and other industries, coming with this design, especially in-circuit-measurement and intervention of devices that use this connector type is impeded and limited.

The diagnosis adapter is a flexible, powerful device designed for performing measurement, control, monitoring or diagnosis tasks of equipped with Molex CMC 32-pin connectors. Each contact pin of the connector is accessible via bushings on the diagnosis adapter. The connections can be opened or closed using jumpers, enabling a wide range of the aforementioned tasks.

Additional measurement equipment is available to ensure easy access to each contact pin.



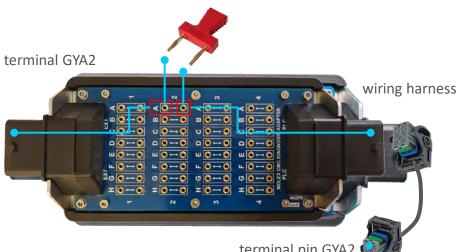
#### ARCHITECTURE MOLEX CMC 32 pin cable tree MC MOLEX CMC 32 pin diagnosis adapter CMO Electronic EXTernal Control Unit MOLEX devices (ECU) cable tree (EXT) MOLEX CMC 32 pin external devices to ECU

BURGER

### **M32PS**

# **DIAGNOSIS ADAPTER** FOR MOLEX<sup>®</sup> CMC CONNECTORS

#### **Connection concept**



terminal pin GYA

#### MCDA M32PS-KIT



Description	MC Diagnosis Adapter-Kit, 32-pin connector, coding black(bk), brown(bn), blue (bl), gray (gy)
Delivery	<ul> <li>MC Diagnosis Adapter, 32-pin connector</li> <li>wiring harness 1,9 m</li> <li>50 jumpers black/red</li> <li>2 Ø 2 mm test leads 4 mm banana</li> <li>robust transport case</li> </ul>
Part no	20042 Diagnosis Adapter-Kit, 32 pin, black coding 20043 Diagnosis Adapter-Kit, 32 pin, brown coding 20044 Diagnosis Adapter-Kit, 32 pin, blue coding 20089 Diagnosis Adapter-Kit, 32 pin, gray coding

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#### **TRANPARENT IN-CIRCUIT TEST ADAPTER FOR..**

- SERVICE
- COMMISSIONING
- DEVELOPMENT
- AND TRAINING

#### **APPLICATIONS**

- Multiple measurement tasks as In-Circuit voltage, current and **RLC-measurement between** ECU. sensors and actors
- Short circuit and connection break detection
- Interface for measurement equipment like multi meters, oscilloscopes etc.
- External injection of control, test and stimulation signals
- Wiring harness test

#### ACCESSOIRS

Further adapters and measurement equipment as well as stencils see catalogue

Contact BURGER Montafonerstraße 17 6771 St. Anton i. M. AUSTRIA geburger@iplace.at +43-(0)650 44 15 94 www.mcda.at