

PRODUCT-DETAILS

# Pluto D20

## Pluto D20 Programmable safety controller



### General Information

Extended Product Type	Pluto D20
Product ID	2TLA020070R6400
EAN	7320500410578
Catalog Description	Pluto D20 Programmable safety controller

Long Description

Pluto is a cost effective, powerful and compact safety PLC for all machine safety applications. Most safety devices on the market can be connected directly to Pluto and multiple safety sensors can be connected to a single input and still achieve the highest safety level. Programming is done easily in the accompanying software Pluto Manager.

Safety PLC with Pluto safety bus and analogue inputs. Totally 20 I/O: 4 combined failsafe analogue and digital inputs + 4 failsafe inputs + 8 non-failsafe outputs/failsafe inputs + 2 individually failsafe relay outputs + 2 individually failsafe transistor outputs.  
Analogue input range 0-10V/4-20mA.

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	8536411090
Product Main Type	Pluto
Product Name	Programmable safety controller

### Popular Downloads

Data Sheet, Technical Information	2TLC010035L0201
Data Sheet, Technical	2TLC172226D0201

## Information (Part 2)

Instructions and Manuals	2TLC172001M0210
CAD Dimensional Drawing	2CDC001079B0201
Marketing Video	2TLC010032N0201 2TLC010018N0201

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**Dimensions**

Product Net Depth / Length	120 mm
Product Net Height	84 mm
Product Net Width	45 mm
Product Net Weight	0.39 kg

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**Safety Information**

Performance Level (PL)	Up to e
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**Technical**

Diagnostic Coverage	High
Number of Inputs	Analog (0 ... 10 V / 4 ... 20 mA) 4 Failsafe 16
Number of Outputs	Failsafe (Transistor) 2 Failsafe (Relay) 2 Non-Failsafe 8
Protocol Type	MODBUS ASCII, Pluto Safety Bus, StatusBus
Rated Control Supply Voltage (U <sub>s</sub> )	24 V DC
Supply Voltage	24 V DC

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**Certificates and Declarations**

CQC Certificate	No declaration needed
Declaration of Conformity - CCC	No declaration needed
Declaration of Conformity - CE	2TLC172011D0202
Declaration of Conformity - UKCA	2TLC010187D0201
TÜV Certificate	2TLC172005D0201

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**Container Information**

Package Level 1 Units	1 piece
Package Level 1 Width	90 mm
Package Level 1 Depth / Length	130 mm
Package Level 1 Height	57 mm
Package Level 1 Gross Weight	0.42 kg
Package Level 1 EAN	7320500410578

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**Classifications**

eClass	V11.0 : 27242207
ETIM 7	EC000236 - PLC CPU-module
ETIM 8	EC000236 - PLC CPU-module

ETIM 9	EC000236 - PLC CPU-module
IDEA Granular Category Code (IGCC)	3561 >> Programmable Logic Controller Module
UNSPSC	32151705
Object Classification Code	K
E-Number (Finland)	2712236
E-Number (Sweden)	3860080

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## Categories

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Low Voltage Products and Systems → Control Products → Safety Products → Programmable Safety Controllers → Pluto

