

SERIES XDK851



XDK851 Productsheet
Database: 2025-07

Device XDK851/4A/PDP

Short

In this configuration:

- XDK851: Basic features
- MV1IN: Load cell measuring amplifier, industrial
- IO4A: Digital Outputs 24V: 4x
- PB: ProfiBus Interface

Details

XDK851 Basic features

Enclosure	Front panel mounting
Front-side protection rating	IP54
Operating temperature	-15 .. +55°C
Power supply	24V DC
Display	4.3" full-color touch display, resistive
Replacement device for DK850	largely compatible
External dimensions	150 x 91mm
Installation depth	81mm, without connector
Mounting	Rear panel clip

Option MV1IN: Load cell measuring amplifier, industrial

Connection	DSUB15 socket
Load cell	6-wire 4-wire (see wiring)
Load cell excitation voltage	5V DC
Maximum load cells	120 mA corresponds to 8 load cells 350 Ω
Analog inputs	2x 0..10V for external sensors, e.g. humidity 24V tolerant
Measuring range	5..40 mV
Resolution	20nV

Option IO4A: Digital Outputs 24V: 4x

Connection	DSUB25 plug
Additional power supply	12..28V DC, galvanically isolated
Output voltage	equal to power supply voltage
Max. current per channel	1000 mA
Max. total current	2 A
Protection	integrated electronic fuse

Option PB: ProfiBus Interface

Connection	DSUB9 socket
Profile	DP

Further options

MV1EN IU IO7E16A RS232 RS485 ETH PN - feel free to ask for details!

The new XDK851 sets new benchmarks!

As the successor to the long-standing, reliable DK850 with the latest technology, the XDK851 combines many advantages:

- Simple operation
- Authorization levels
- Multilingualism
- Large display
- Battery-free design
- USB-C

Modularity: available in many configurations, thus optimized for your requirements!

Prepared for you on request:

- Parameter set
 - Accessories
 - Your article number
 - Packaging
 - Special adaptations
- Ask us!



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