



C18

C18P/BP-2A8X

Cap.M18,PNP-NO+NC,Cable,Nsch-LD

TECHNICAL FEATURES

Detection properties

Nominal sensing distance 3...12mm

Thermal drift of Sr < 20%

Repeat Accuracy 5%

Sensitivity adjustment Yes

Hysteresis ≤ 20%

Outputs

Output type PNP

Output Function NO + NC

Switching frequency 50Hz

Electrical data

Operating Voltage	10...40Vdc
No-Load supply current	≤ 12mA
Load current	≤ 200mA
Leakage current	≤ 100μA
Output voltage drop	≤ 2,5V @ IL = 200mA
Max ripple content	≤10%
LED indicators	Yellow LED (object detected)
Time delay before availability	≤ 200ms
Short-circuit protection	polarity reversal, overvoltage
Reverse Polarity Protection	Yes
Impulsive Overvoltage Protection	Yes

Mechanical data

Mounting	Unshielded
Housing material	Polyester
Weight	1350g
Connections	20m PVC cable
Active Head Material	Polyester
Tightening torque	2,6Nm
Storage temperature	-40°C...+85°C

Diameter/Dimension	M18
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Test/Approvals

Approvals	CE cULus
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EMC compatibility	IEC 60947-5-2
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Shocks and vibrations	Vibration IEC 60068-2-6 / Shock IEC 60068-2-27
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Accessories

Supplied Accessories	screw driver, 2 x M18 nuts
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Generical Data

Dimensions	M18 x 1 / L = 99mm
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Operating Temperature	-35°C...+85°C (without freeze)
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Mechanical Protection	IP67, IP68
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