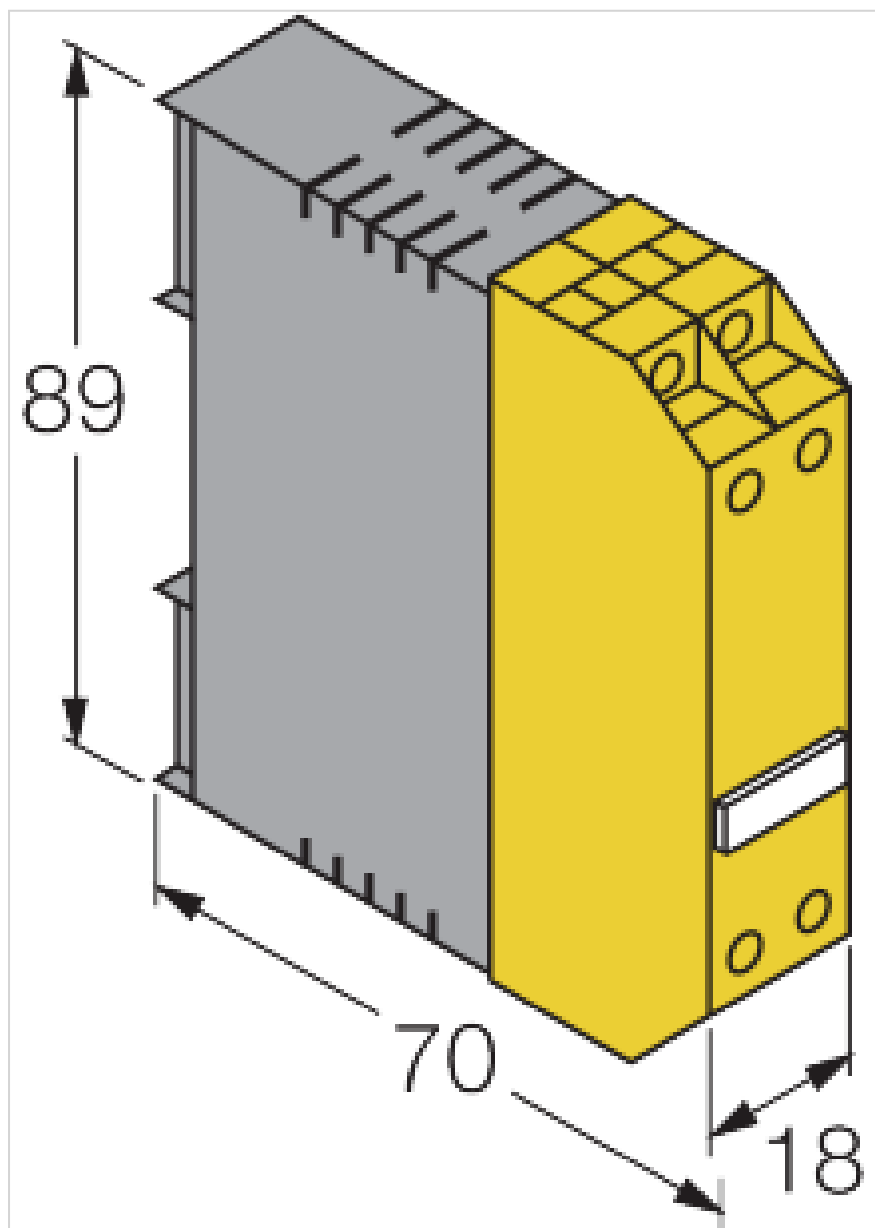


MK31-11EX0-LU/24VDC

Analog signal isolator 1-channel



Type designation	MK31-11EX0-LU/24VDC
Ident-No.	7506205

Technical data

Power supply

Features

- Input circuit: 0...20 mA or 0...10 VDC
- Output circuit: 0...10 VDC
- Galvanic isolation between the input circuits and the output circuits and power supply
- EEx ia intrinsically safe input circuits

Technical data

- Application area in accordance with ATEX: II (1) G

Operating voltage U_B	19...29 VDC
Power supply	24 VDC
Inputs/Outputs	
Number of channels	1
Inputs	
Current	0...20 mA
Input circuits	0...2.5 VDC
Input current	0...20 mA
Input resistance (current)	$\leq 100 \Omega$
Input resistance (voltage)	$\geq 50000 \text{ k}\Omega$
Voltage input	0...10 VDC VDC
Outputs	
Load	500 Ω
Output circuits	0...10 VDC
Mechanical data	
Dimensions	89 mm x 18 mm x 70 mm
Housing material	Plastic, Polycarbonate/ABS
Electrical connection	4 x 2-pin flat terminals with self-lifting pressure plates
Terminal cross-section	1 x 2.5 mm ² /2 x 1.5 mm ²
Design	Modular housing
Mounting instructions	DIN rail (NS35) or panel
Ambient conditions	
Storage temperature	-40...+80 °C
Protection class	IP20
Tests/approvals	
Important note	For Ex-applications the values specified in the corresponding Ex certificates (ATEX, IECEx, UL, etc.) apply.
Ex approval acc. to conformity certificate	PTB 97 ATEX 2104
Device designation	□ II (1) G [Ex ia] IIC
Other properties	
RoHs compatibility	yes