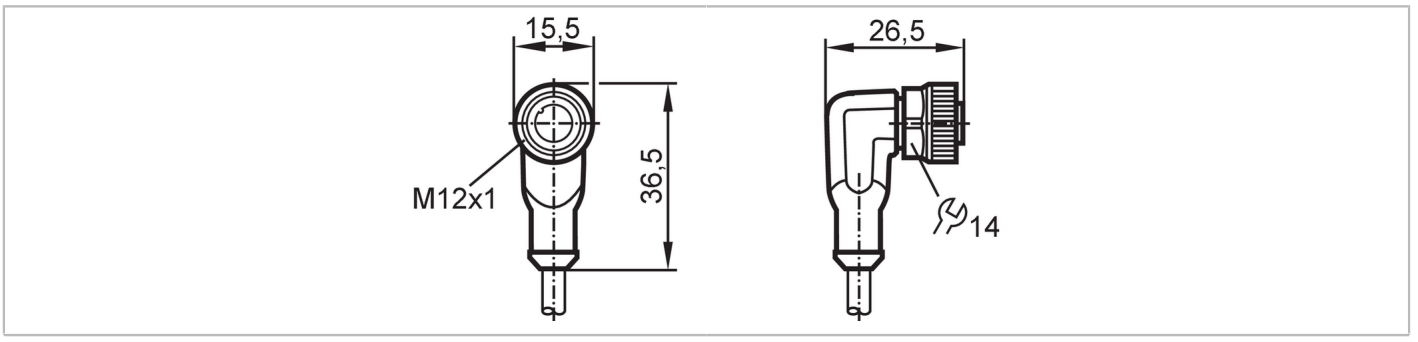
EVC01E

PNP/NPN inverter module

Converter PNP-NPN

Please see the technical note under "Downloads"



CE

Application			
Special feature			Halogen-free; Gold-plated contacts; Drag chain suitability
Compatible with paint			yes
Electrical data			
Operating voltage tolerance	[%]		10
Operating voltage	[V]		< 24 DC
Protection class			II
Max. current load total	[A]		0.1
Outputs			
Max. voltage drop switching output DC	[V]		2
Operating conditions			
Ambient temperature	[°C]		-25...60
Ambient temperature (moving)	[°C]		-25...60
Protection			IP 65; IP 67; IP 68; IP 69K
Tests / approvals			
MTTF	[years]		17562
Mechanical data			
Weight	[g]		154.9
Dimensions	[mm]		26.5 x 15.5 x 36.5
Moulded-body material			TPU
Material nut			brass, nickel-plated
Sealing material			FKM
Drag chain suitability			yes
Drag chain suitability		bending radius for flexible use	min. 10 x cable diameter
		travel speed	max. 3.3 m/s for a horizontal travel length of 5 m and max. acceleration of 5 m/s²
		bending cycles	> 5 Mio.
		torsional strain	± 180 °/m
Remarks			
Remarks			for sensors to IEC 60947-5-2 with normally open operation

EVC01E

PNP/NPN inverter module

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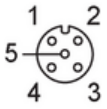
Notes	Please see the technical note under "Downloads"
Pack quantity	1 pcs.

Electrical connection

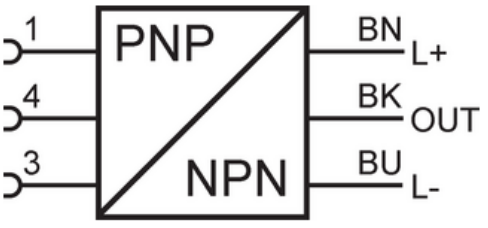
Cable: 5 m, PUR, Halogen-free, black, Ø 4.3 mm; 4 x 0.34 mm² (42 x Ø 0.1 mm)

Electrical connection - socket

Connector: 1 x M12, angled; coding: A; Contacts: 4, gold-plated; Moulded body: TPU, black; Locking: brass, nickel-plated; Sealing: FKM; Tightening torque: 0.6...1.5 Nm



Connection



	Core colours :
BK =	black
BN =	brown
BU =	blue
WH =	white