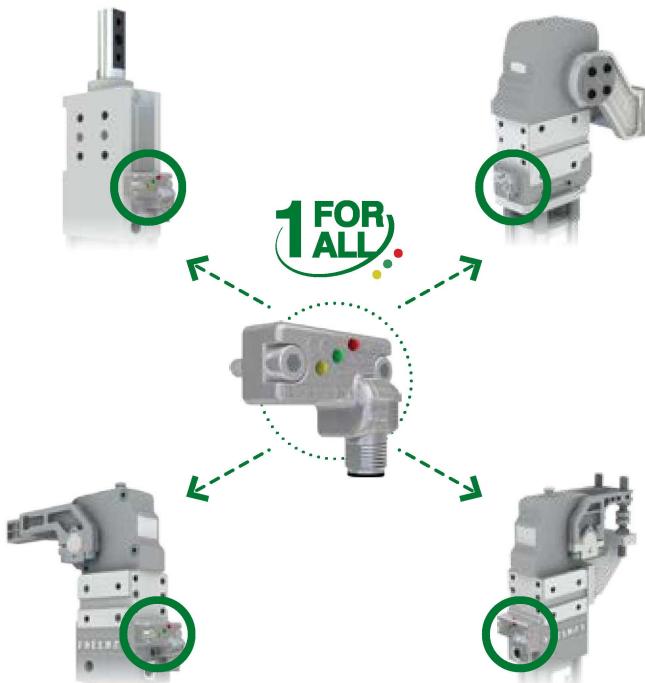


Sensor

ES001. Electronic sensor used for all clamps, all sizes and series

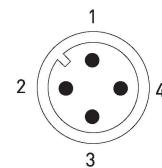
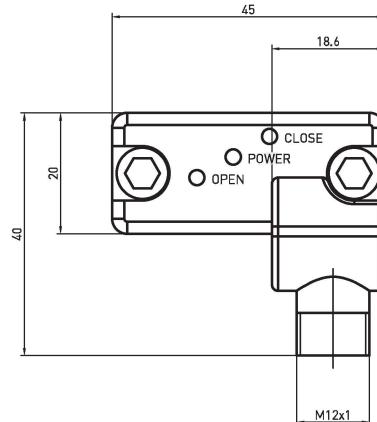
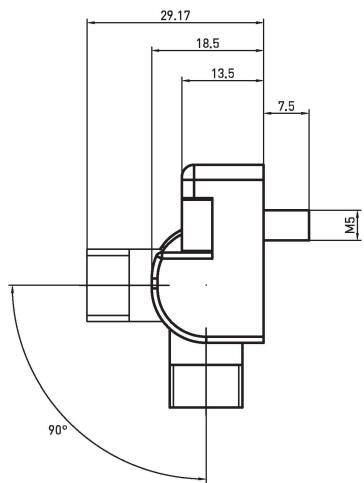


Technical features

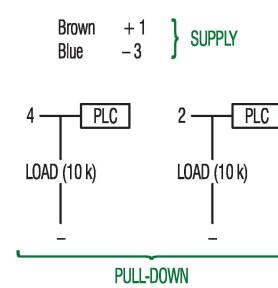
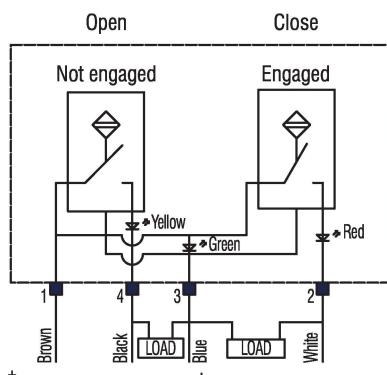
Operating voltage	10-30 VDC
Voltage drop	≤ 2 V
Load current	≤ 100 mA
Current consumption	≤ 30 mA
Short-circuit protection	protected
Protection rating	IP68
Operating temperature	-0 °C +50 °C
Storage temperature	-25 °C +60 °C
Electromagnetic compatibility	EN 60947-5-2:2007 + A1:2012
Weld field immunity	> 100 mT
Power supply indication	green LED
Open position indication	yellow LED
Closed position indication	red LED
Digital output type	PNP

ES001 / Electronic sensor with M12 swivel connector - PNP

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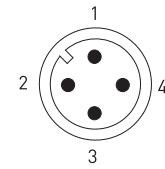
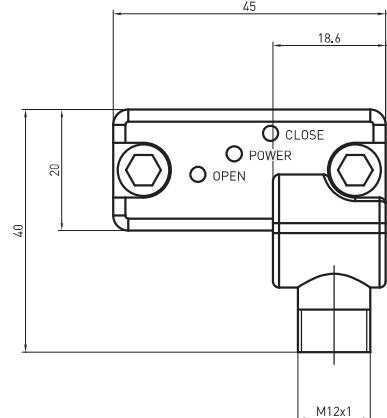
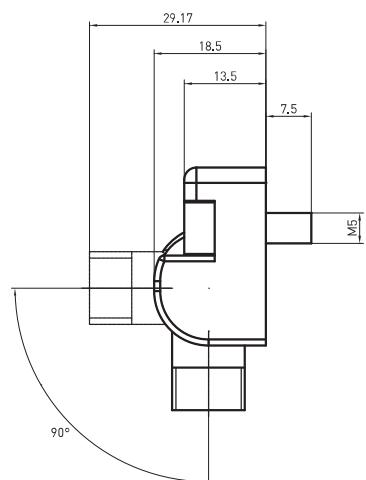
Simplified diagram (PNP)



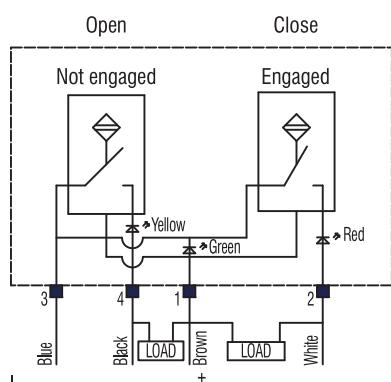
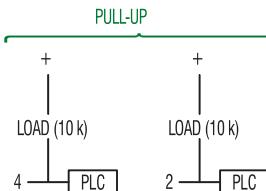


ES002 / Electronic sensor with M12 swivel connector - NPN

REV. 00 - 31/03/2015

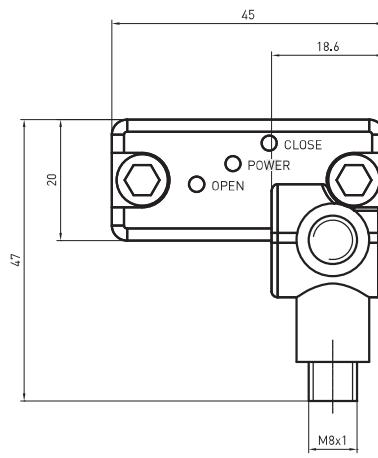
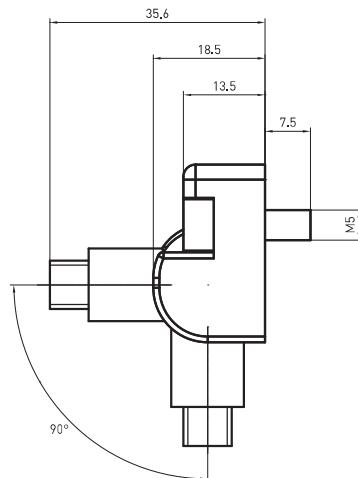


Simplified diagram (NPN)

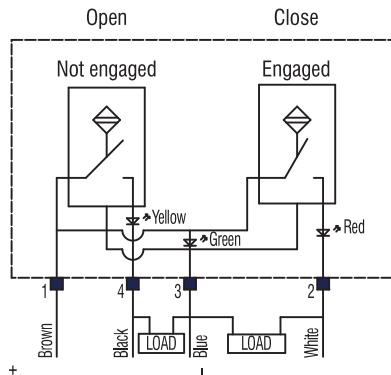
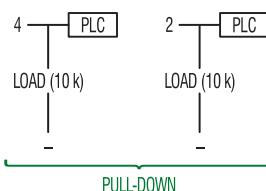
Brown + 1
Blue - 3 } SUPPLY

ES003 / Electronic sensor with M8 swivel connector - PNP

REV. 00 - 31/03/2015



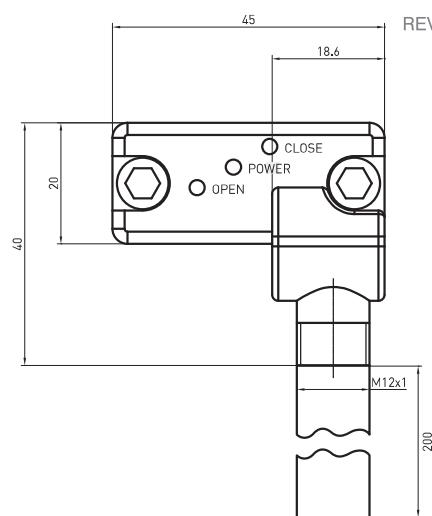
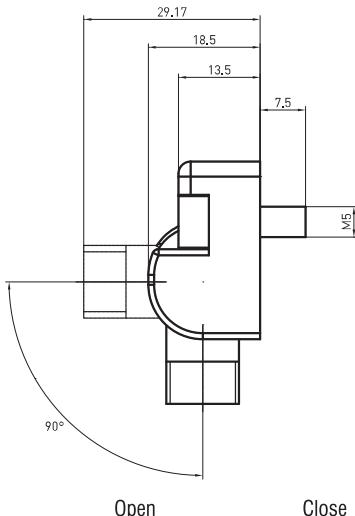
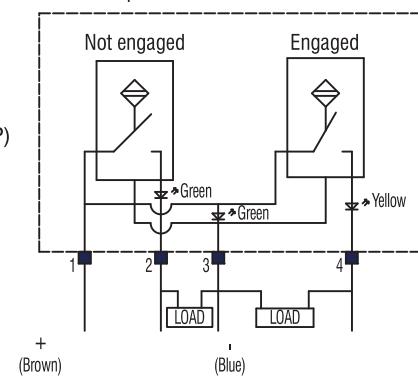
Simplified diagram (PNP)

Brown + 1
Blue - 3 } SUPPLY

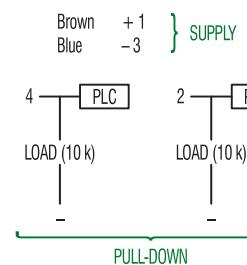
ES004 / Electronic sensor with M12 swivel connector - PNP



Simplified diagram (PNP)



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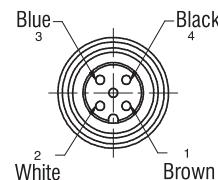
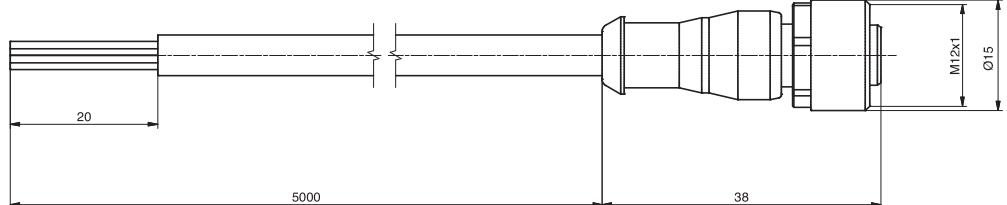


Technical features

Power supply indication	green LED
Open position indication	green LED
Closed position indication	yellow LED

Cable

EC001-05



Technical features

Connector features	
Product type	M12 circular connector with moulded cable
Connector type	Straight 180°
Contacts type	Female 4 poles
Pin	4
Protection class	IP67
Rated voltage	250V AC/DC
Rated current	4 A

Cable features	
Pneumax cable code	EC001-05
Numbers of conductors	4
Conductors section	0,34 mm ² (AWG22)
Cable material	PUR UL style 21576 
Coating colour	Black
Conductors insulation material	PP
Cable length	5000 mm
Stripping	20 mm Standard



High flex (class 6)

* DIMENSIONAL TOLERANCE FOR DOWEL HOLES: ± 0.02
 DIMENSIONAL TOLERANCE FOR THREADED HOLES: ± 0.1
 REV. 00 - 03/04/2015