

ISS series

Inductive switches – connector M8 – 3-pin

KISTLER

measure. analyze. innovate.

Drawing	Sensor type	Sn ST 37	Order No.
	ISS-6,5-58-4	4 mm	6606-58400-0000
	ISS-M8-45-1,5	1.5 mm	6608-45151-0000
	ISS-M8-60-3	3 mm	6608-60301-0000
	ISS-10-28-1 ¹⁾	2 mm	6610-28201-0000
	ISS-26-20-1,5/R ²⁾	1.5 mm	6626-20151-0000
	ISS-26-20-1,5/L ²⁾	1.5 mm	6626-20151-1000

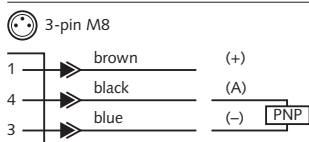
¹⁾ Alternative version with cable output on request

²⁾ cable outlet with angled plug R = right-hand, L = left-hand

Specifications

Operating voltage	10 – 30 VDC, polarity protected
Current consumption	max. 10 mA (idle running)
Mode of operation	static
Output	PNP
Function	normally open (NO)
Load current	200 mA short-circuit proof (ISS-10-28-1: 100 mA)
Repeating accuracy	$R \leq 5\%$ of S_r , with S_r = real switching distance
Reduction factor for S_n , with S_n = nominal switching distance	V2A: appr. 0.85 AL: appr. 0.4 Cu: appr. 0.3
Frequency	max. 1 KHz, depending on type
Temperature range	0°C – 70°C
EMC according to 2014/30/EU	EN 61000... C ϵ
System of protection	IP 65/67

Pin configuration



Accessories (more accessories, see last pages)

Article	Order No.
Connection cable:	
VK-M8-g (5 m, straight)	2111-00005-0300
VK-M8-w (5 m, angled)	2111-00005-1300

ISS series

Inductive switches with connector M12 – 4-pin



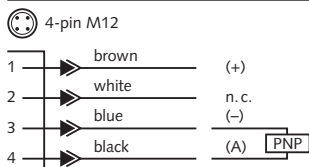
measure. analyze. innovate.

Drawing	Sensor type	Sn ST 37	Order No.
	ISS-M12-45-4	4 mm	6612-45401-0000
	ISS-M12-61-6	6 mm	6612-61601-0000
	ISS-M18-66-12	12 mm	6618-66121-0000
	ISS-M30-84-40	40 mm	6630-84401-0000

Specifications

Operating voltage	10 – 30 VDC, polarity protected
Current consumption	max. 10 mA (idle running)
Mode of operation	static
Output	PNP
Function	normally open (NO)
Load current	200 mA short-circuit proof
Repeating accuracy	$R \leq 5\%$ of S_r , with S_r = real switching distance
Reduction factor for S_n , with S_n = nominal switching distance	V2A: appr. 0.85 AL: appr. 0.4 Cu: appr. 0.3
Frequency	max. 1 KHz, depending on type
Temperature range	0°C – 70°C
EMC according to 2014/30/EU	EN 61000... C€
System of protection	IP 65/67

Pin configuration



Accessories (more accessories, see last pages)

Article	Order No.
Connection cable:	
VK-M12-5-g (5 m, straight)	2112-00005-0500
VK-M12-5-w (5 m, angled)	2112-00005-1500