

Accessories

INITIATOR

Initiators (proximity sensors), induktive
NA 5001, NA 5002, NA 5005, NA 5010



0284141

Type	NA 5001.01.10 pnp NA 5001.01.20 npn	NA 5002.01.34 pnp/npn	NA 5005.01.34 pnp/npn	NA 5010.01.10 pnp NA 5010.01.20 npn
Dimensions				
Enclosure	Metal	Metal	Metal	Metal
Switching distance S_n	1.5 mm	2 mm	5 mm	10 mm
Switching frequency	5 000 Hz	1 000 Hz	300 Hz	200 Hz
Hysteresis	1 ... 20 %			
Repeat accuracy	5 %			
Voltage range	10 ... 30 V			
Residual ripple	< 10 %			
Continuous current	≤ 200 mA	≤ 100 mA	≤ 100 mA	≤ 400 mA
Output	.10 pnp NO .20 npn NO	.34 pnp NO + npn NO	.34 pnp NO + npn NO	.10 pnp NO .20 npn NO
Indication of output state	LED			
Ambient temperature	- 25 ... 70°C			
Temperature influence	10 %			
Degree of protection	IP 67			
Connection wire	2 m			
Fixing torque	3 Nm	10 Nm	25 Nm	50 Nm
Weight	45 g	66 g	130 g	230 g

Connection Table BA 9055, AA 9050

Type	Wire	Terminal on AA 9050 / BA 9055
NA 5001.01.10	brown +	+
	blue -	0
	black NO	n
NA 5002.01.34 NA 5005.01.34	brown +	+
	white +	+
	blue -	0
NA 5010.01.10	black NO	n
	brown +	+
	blue -	0
	black NO	n

Connection Table BA 9055/ _ 5

Type	Wire	Terminal on BA 9055
NA 5001.01.20	brown +	+
	blue -	0
	black NO	n
NA 5002.01.34 NA 5005.01.34	brown +	+
	white NO	n
	blue -	0
NA 5010.01.20	black -	0
	brown +	+
	blue -	0
	black NO	n

Connection Table BH 5932, BH 5932/01_ *)

Type	Wire	Terminal on BH 5932
NA 5001.01.10	brown +	+ I_{NA} / + I_{NB}
	blue -	- I_{NA} / - I_{NB}
	black NO	I_{NA} / I_{NB}
NA 5002.01.34 NA 5005.01.34	brown +	+ I_{NA} / + I_{NB}
	white +	+ I_{NA} / + I_{NB}
	blue -	- I_{NA} / - I_{NB}
NA 5010.01.10	black NO	I_{NA} / I_{NB}
	brown +	+ I_{NA} / + I_{NB}
	blue -	- I_{NA} / - I_{NB}
	black NO	I_{NA} / I_{NB}

Connection Table BH 5932, BH 5932/00_ *)

Type	Wire	Terminal on BH 5932
NA 5001.01.20	brown +	+ I_{NA} / + I_{NB}
	blue -	- I_{NA} / - I_{NB}
	black NO	I_{NA} / I_{NB}
NA 5002.01.34 NA 5005.01.34	brown +	+ I_{NA} / + I_{NB}
	white NO	I_{NA} / I_{NB}
	blue -	- I_{NA} / - I_{NB}
NA 5010.01.20	black -	- I_{NA} / - I_{NB}
	brown +	+ I_{NA} / + I_{NB}
	blue -	- I_{NA} / - I_{NB}
	black NO	I_{NA} / I_{NB}

*) Initiatoren NA 5002.01.34 and NA 5005.01.34 only usable for units without initiator-detection!

Connection Table IK / SK / IL / SL 9055; IK / SK / IL / SL 9144

Type	Wire	Geräteklemme an IK / SK / IL / SL 9055; 9144
NA 5001.01.10	brown +	+ U
	blue -	0 V
	black NO	IN
NA 5002.01.34 NA 5005.01.34	brown +	+ U
	white +	+ U
	blue -	0 V
NA 5010.01.10	black NO	IN
	brown +	+ U
	blue -	0 V
	black NO	IN

Connection Table IK / SK / IL / SL 9055; IK / SK / IL / SL 9144

Type	Wire	Terminal on IK / SK / IL / SL 9055; 9144
NA 5001.01.20	brown +	+ U
	blue -	0 V
	black NO	IN, X1
NA 5002.01.34 NA 5005.01.34	brown +	+ U
	white NO	IN, X1
	blue -	0 V
NA 5010.01.20	black -	0 V
	brown +	+ U
	blue -	0 V
	black NO	IN, X1

Connection Table MK 9055N.12/00x, .12/50x, MH 9055.12/00x, .12/50x

Type	Wire	Terminal on MK 9055N / MH 9055
NA 5001.01.10	brown +	+ U
	blue -	0 V
	black NO	E
NA 5002.01.34 NA 5005.01.34	brown +	+ U
	white +	+ U
	blue -	0 V
NA 5010.01.10	black NO	E
	brown +	+ U
	blue -	0 V
	black NO	E

Connection Table MK 9055N.12/00x, .12/50x, MH 9055.12/00x, .12/50x

Type	Wire	Terminal on MK 9055N / MH 9055
NA 5001.01.20	brown +	+ U
	blue -	0 V
	black NO	P, E
NA 5002.01.34 NA 5005.01.34	brown +	+ U
	white NO	P, E
	blue -	0 V
NA 5010.01.20	black -	0 V
	brown +	+ U
	blue -	0 V
	black NO	P, E

Connection Table UH 6932

Initiator Type	Initiator Wire	Terminal on UH 6932
NA 5001.01.10	brown +	U1 / U2
NA 5001.01.20 NA 5010.01.10	blue -	GND
NA 5010.01.20	black NO	E1 / E2