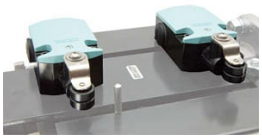
Partnership. With Guarantee.

Limit switch for Gate valve
Type MSU



MSU01A
mechanical

MSU02/MSU05
inductive

MSU03
inductive

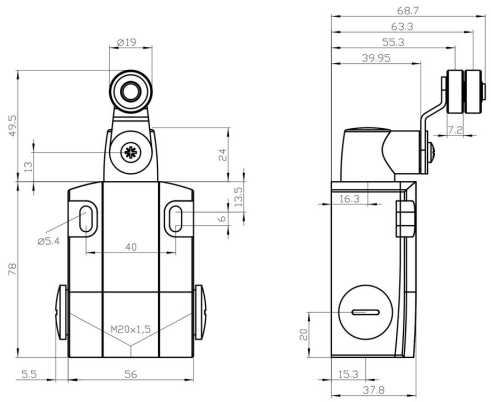
MSU04
inductive

Characteristics

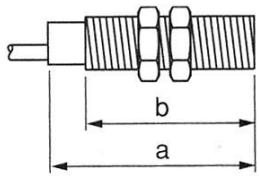
Switch type	Design type	Power supply or rather Switching voltage	Degree of protection	Switching current		Ambient temperature [ºC]	LED	Type
				AC	DC			
Siemens 3SE5122	Normally open / Normally closed (NC), mechanical	max. 230VAC / 230VDC	IP66	max. 6A	max. 0,27A	-25...+85°C	-	MSU01A
Télémecanique XS618B1MAL2	2-wire, reverse polarity protected, without short-circuit protection, Normally closed (NC), inductive	24...240V AC or DC	IP67	5...300mA	5-200mA	-25...+70°C	yellow	MSU02
IFM IGS208	3-wire or 2-wire, Normally closed (NC), inductive	10...30VDC	IP67	-	100mA	-25...+70°C	yellow	MSU03
IFM NG501A*	EEx ia IIC T6, Normally open, inductive	8,2VDC	IP67	-	-	-25...+70°C	yellow	MSU04
IFM IG0011	2-wire, reverse polarity protected, without short-circuit protection, Normally closed (NC), inductive	20...250V AC or DC	IP67	5...250mA	5...100mA	-25...+80°C	yellow	MSU05

*Attention: Namur sensors must be connected to external switching amplifiers which convert the change of state (current change) into a switching signal.

Dimensions



MSU01A



MSU02, MSU03, MSU04, MSU05

a [mm]	b [mm]	Thread	Wrench size [mm]	Cable length [m]	Type
-	-	-	-	-	MSU01A
60	51,5	M18	24	2	MSU02
70	49	M18	24	2	MSU03
46	30	M18	24	2	MSU04
80	58	M18	24	2	MSU05

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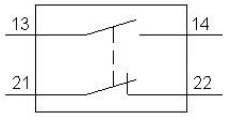
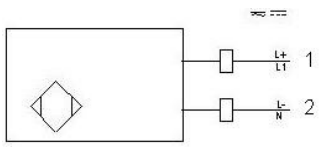
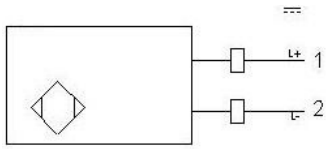
Connection diagram



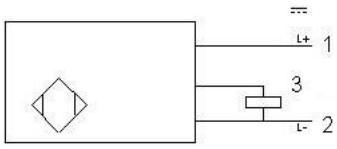
MSU01A



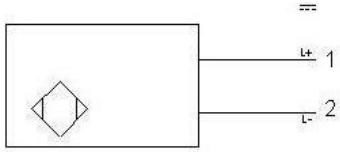
MSU02/MSU05



MSU03 2-wire



MSU03 3-wire



MSU04

1 = brown, 2 = blue, 3 = black

Illustrations non-binding
Design, dimensional and material changes reserved

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