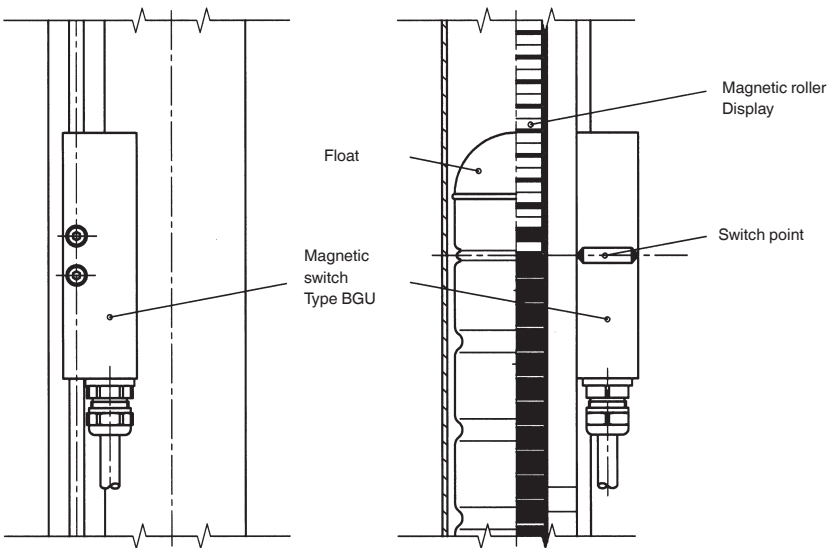
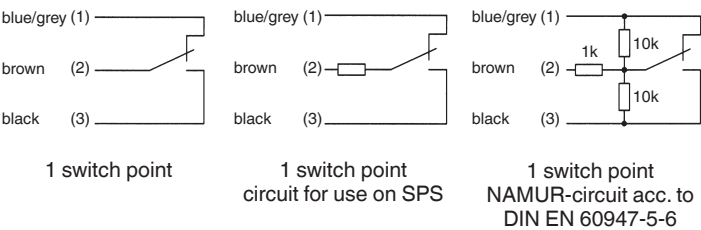


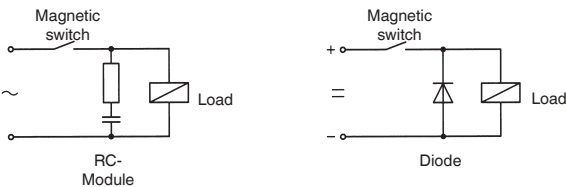
Magnetic switches

KSR Magnetic switches are used to monitor certain limits of the level. The obtained binary signal can be forwarded to trigger alarms or other controls.

Connection diagram



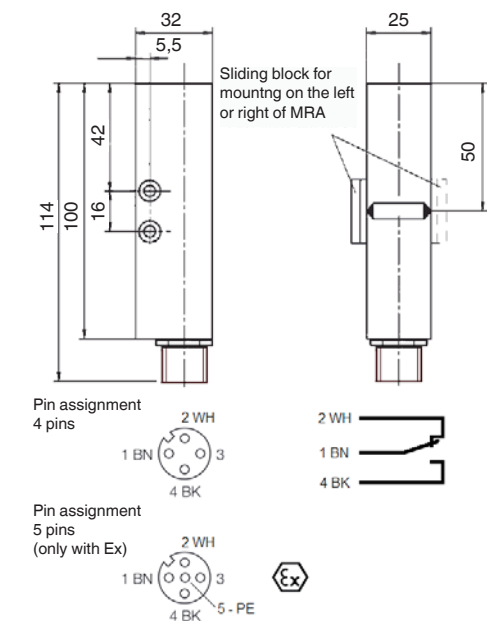
Contact protection measures



Magnetic Switches Reed, Aluminium housing

Design: BGU-M12

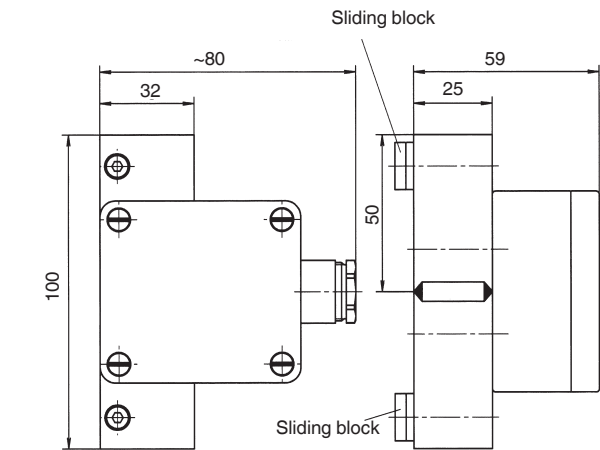
Design: BGU-A



Plug

Code	Type
MS12	= BGU-M12
Ex MES12	= BGU-E-M12

Technical Data	
Contact	Reed contact
Contact type	1 SPDT
Contact behaviour	bistable
Switch rating:	
Code MS12	230 V AC, 60 VA, 1 A; 230 V DC, 30 W, 0.5 A
Code MES12	for use in intrinsically safe circuit only with max. 100 mA und max. 30 V
Code adder /N	For use in control circuits acc. to DIN EN 60947-5-6
Max. ambient temperature:	
Code MS12	85 °C
Code MES12	T6 to 85 °C
Connction plug:	
Code MS12	
Housing	Aluminium, anodised
Housing protection	IP 65
Explosion protection	(Code MES12 only) II 1 G Ex ia IIC T6 - T3 LCIE 01 ATEX 6047 X



Terminal housing

Code	Type
MA	= BGU-A
Ex MAE	= BGU-A-E

Technical data	
Contact	Reed contact
Contact type	1 SPDT
Contact behaviour	bistable
Switch rating	230 V AC, 60 VA, 1 A
Code MA	230 V DC, 30 W, 0.5 A
Code MAE	for use in intrinsically safe circuit only with max. 100 mA and max. 30 V
Code adder /N	for use in control circuits to DIN EN 60947-5-6
Max. ambient temperature	
Code MA	150 °C
Code MAE	T6 bis 85 °C T5 to 100 °C T4 bis 135 °C T3 to 150 °C
Housing	Aluminium, anodised
Housing protection	IP 65
Explosion protection	(Code MAE only) II 1 G Ex ia IIC T6 - T3 LCIE 01 ATEX 6047 X
Contact protection measures see page 22	