

Standard executions			
Version	Circuit	Code	Item
Reed, 2 poles, with flying lead flexible cable 2,5 mt.		070946	ASV1C525
Reed PNP, 3 poles, with M8 connector		070246	ASV4D2M8
Reed-Hall PNP, 3 poles, with M8 connector		070247	ASV7N2M8
Reed-Hall NPN, 3 poles, with M8 connector		070372	ASV7M2M8

On request, they can be supplied according Directive 94/9/EC - **ATEX**

CE **II 1 GDc T5**



The magnetic reed switches are magnetic sensors responding to the presence of a magnetic field.

When mounted on a cylinder tube they detect the presence of the magnetic field generated by the magnet set on the piston and so of the piston itself.

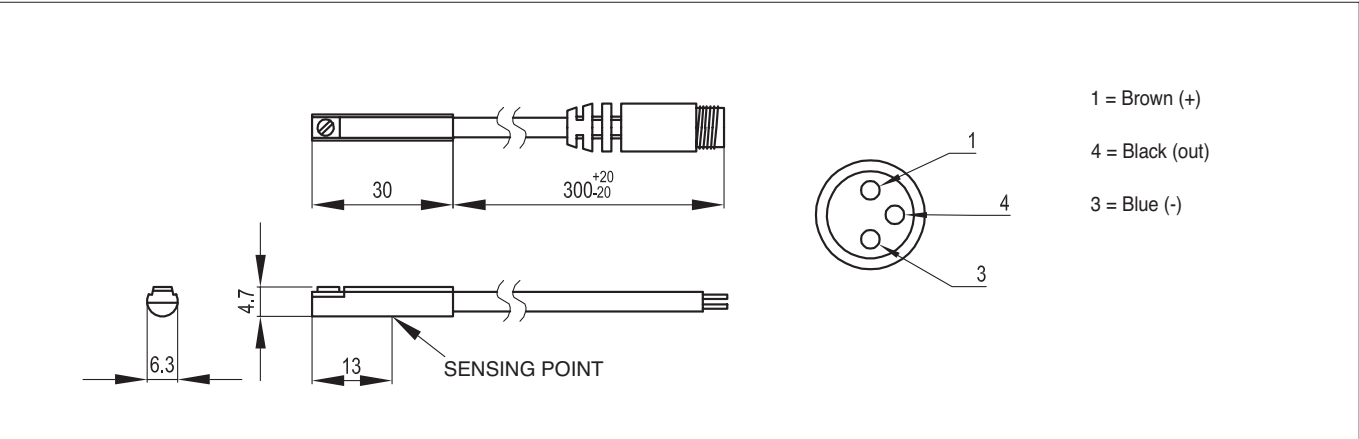
This information is used to signal electrical circuits as required.

The sensor ASV can be applied directly to the hollows of the cylinder tube from above.

For cables with M8 connector see page 1.110.3

For fixing brackets see page 1.120.1

For cylinder/reed switches/brackets table see page 1.120.5



Technical data				
Circuit	Reed, 2 poles	Reed, PNP, 3 poles	Reed-Hall, PNP, 3 poles	Reed-Hall, NPN, 3 poles
Switching	Normally open		Normally open, solid state output	
Voltage	5 ÷ 240 V DC/AC	10 ÷ 30 V DC		
Switching current	100 mA max			
Contact rating	10 W	3 W max		
Voltage drop	3 V max	0,1 V max	2 V max	
LED	Red	Yellow	Yellow	Red
Cable	Ø 3,3 PU			
Temperature range	-10 °C ÷ +70 °C			
Protection class	IEC 529 IP67			
Electrical protection	-			



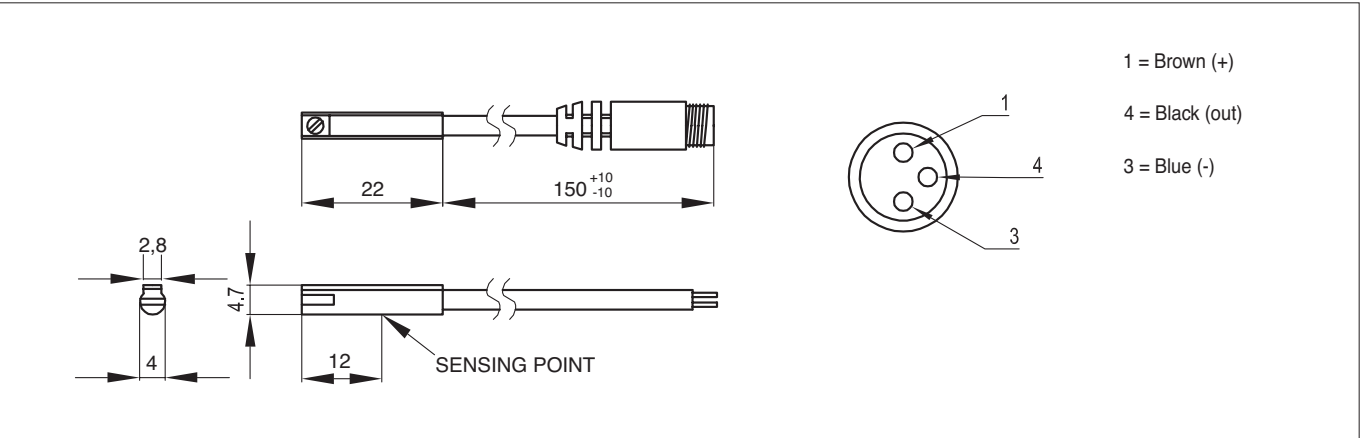
Standard executions			
Version	Circuit	Code	Item
Reed, 2 poles, with flying lead flexible cable 2,5 mt.		070248	ASC1C525
Reed-Hall PNP, 3 poles, with M8 connector		070249	ASC7N2M8
Reed-Hall NPN, 3 poles, with M8 connector		070382	ASC7M2M8



The magnetic reed switches are magnetic sensors responding to the presence of a magnetic field. When mounted on a cylinder tube they detect the presence of the magnetic field generated by the magnet set on the piston and so of the piston itself. This information is used to signal electrical circuits as required.

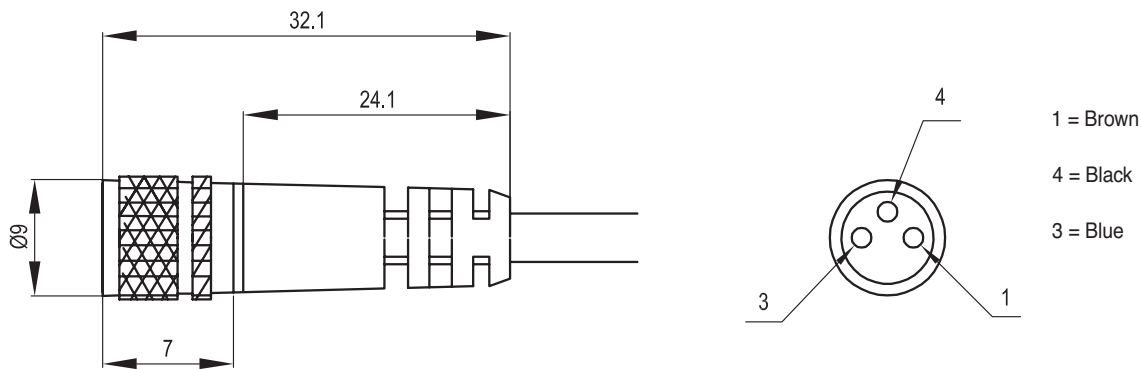
The sensor ASC can be applied directly to the grooves of the cylinder tube without further brackets.

For cables with M8 connector see page 1.110.3
For fixing brackets see page 1.120.1
For cylinder/reed switches/brackets table see page 1.120.5



Technical data			
Circuit	Reed, 2 poles	Reed-Hall, PNP, 3 poles	Reed-Hall, NPN, 3 poles
Switching	Normally open	Normally open, solid state output	
Voltage	5 ÷ 120 V DC/AC	4,5 ÷ 28 V DC	
Switching current	50 mA max		
Contact rating	6 W	1,5 W max	
Voltage drop	3 V max	0,5 V max	
LED	Red	Green	Red
Cave	Ø 2,8 Grey		Ø 2,8 Black
Temperature range	-10 °C ÷ +70 °C		
Protaction class	IEC 529 IP67		
Electric protection	-		

Standard executions		
Version	Code	Item
Cable mt. 2 with M8 connector	070269	CAV20M8
Cable mt. 5 with M8 connector	070250	CAV50M8
Cable mt. 10 with M8 connector	070298	CAV1KM8



Technical data	
Material of the cable	PVC black
Material of the connector	Body : Polipropilene
	Contacts: Gilded brass
	Nut: Nickel plated brass
Cable data	3 x 24 AWG / 0,22 mm ² flexible, spatter resistant, oil resistant, insulation 300 V
Temperature	- 20 °C ÷ + 80 °C
Protection	IP 67

Switches and Brackets

Brackets for magnetic switches

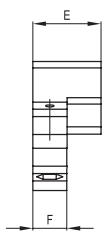
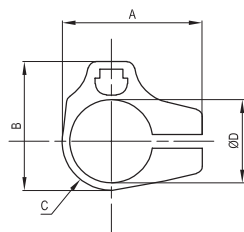


Standard executions		
Version	Code	Item
Locking band for cylinder ISO 6432 ø 8 mm	072901	AFM8
Locking band for cylinder ISO 6432 ø 10 mm	072902	AFM10
Locking band for cylinder ISO 6432 ø 12 mm	072903	AFM12
Locking band for cylinder ISO 6432 ø 16 mm	072904	AFM16
Locking band for cylinder ISO 6432 ø 20 mm	072905	AFM20
Locking band for cylinder ISO 6432 ø 25 mm	072906	AFM25
Locking band for round cylinders 32 ÷ 63 mm	072907	AFR3263
Bracket for AMB cylinders ø 32 and 40 mm	072908	AS101
Bracket for AMB cylinders ø 50 and 63 mm	072909	AS102
Bracket for AMB cylinders ø 80 and 100 mm	072910	AS103
Bracket for AMB cylinder ø125 mm	072911	AS104
Bracket for tie rod cylinders ø 32 and 40 mm	072912	AS105
Bracket for tie rod cylinders ø 50 and 63 mm	072913	AS106
Bracket for tie rod cylinders ø 80 and 100 mm	072914	AS107
Bracket for tie rod cylinders ø 125 mm	072909	AS102
Bracket for cylinders ø 160 e 200 mm	072910	AS103
Bracket for short stroke cylinders	072915	AS108
Bracket for rodless cylinders	072916	AS109



Series of brackets used to fix the different types of magnetic reed switches for the different types of existing cylinders.
For the cylinders/reed switches/brackets table see page 1.120.5

Locking bands for cylinders ISO 6432							
Material: Polyamide			Mounting screw included in the Kit				
Code	Item	A	B	C	Ø D	E	F
072901	AFM8	21,4	18,9	6,45	9,3	18	9
072902	AFM10	23,4	20,9	7,45	11,3	18	9
072903	AFM12	25,4	22,9	8,45	13,3	18	9
072904	AFM16	29,4	26,9	10,45	17,3	18	9
072905	AFM20	33,4	30,9	12,45	21,3	18	9
072906	AFM25	38,4	35,9	14,95	26,3	18	9

Locking bands for round cylinders Ø 32-63		
072907	AFR3263	Metal bracket, screw and adaptor included in the Kit

Brackets for cylinders ISO 6431						
Material: Aluminium			Mounting screw included in the Kit			
Code	Item	A	B	C	D	E
072908	AS101	11,4	11,3	5,4	6,7	3,4
072909	AS102	14,5	13,7	5,4	6,7	3,4
072910	AS103	16,99	19,11	5,4	6,7	3,4
072911	AS104			5,4	6,7	3,4
072912	AS105	6,5	7,29	5,4	6,7	3,4
072913	AS106	8,42	9,76	5,4	6,7	3,4
072914	AS107	10,31	10,79	5,4	6,7	3,4

Brackets for short stroke cylinders	
Material: Polyamide	
Code	Item
072915	AS108

Brackets for rodless cylinders	
Material: Polyamide	
Code	Item
072916	AS109

Cylinder type	Locking bands for cylinder switches		Brackets for cylinder switches			Switches for cylinders	
	ø 8 ÷ 25 mm. see page 1.120.1	ø 32 ÷ 63 mm. see page 1.120.1	with tie rods ø 5 ÷ 16 see page 1.120.1	with extruded tube ø 32 ÷ 125 see page 1.120.1	short stroke see page 1.20.1	see page 1.110.1	
	AFM8 ÷ AFM25	AFR3263	AS10	AS10	AS108	ASC	ASV
MSM-MDM-MDMA	•						•
AMC/AMCG							•
AMB/AMBG				•			•
AMT			•				•
REDM		•					•
CXM			•				•
CS-CD-CDN							•
BSM-BDM BDMN-BDMP					•		•
BDM (125-160-200)			•				•
GEDB-GEDS						•	
S1-S2-S3 S4-S5-S6						•	
CR-CRF CRR-CRRF				•			•
MDMX	•						•
AMX			•				•
PBA-PAC-PPB PPC-PPD-PPE						•	
ARC-ARP						•	