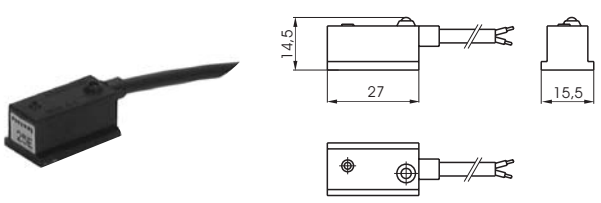
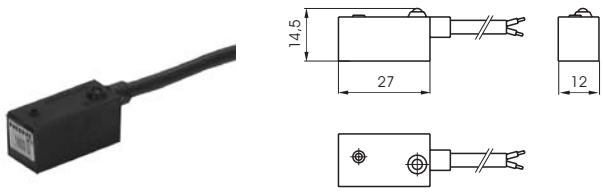


for cylinders and microcylinders



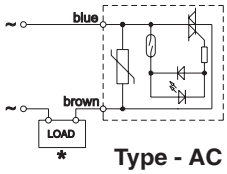
for rodless cylinders

Ordering code

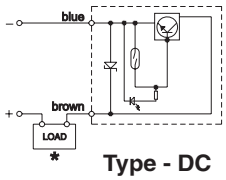
SENSORS WITH 2 WIRES CABLE

Cylinders and microcylinders	**1500.AC**	sensor for alternating current with led
	1500.DC	sensor for continuous current with led
	1500. U	universal sensor with led
	1500.U/1	universal sensor without led (REED ampulla only)
Rodless cylinders	**1600.AC**	sensor for alternating current with led
	1600.DC	sensor for continuous current with led
	1600.U	universal sensor with led
	1600.U/1	universal sensor without led (REED ampulla only)

Diagrams and connections

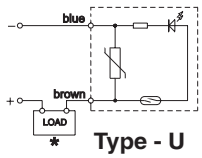


Type - AC

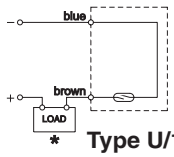


Type - DC

Technical characteristics	a.c.	d.c.	U		U/1	
			a.c.	d.c.	a.c.	d.c.
Maximum permanent current	1,5A	1,2A	0,5A		0,3A	
Maximum current (pulses of 0,5 sec.)	6A	1,5A	1A		0,8A	
Voltage range	12 ÷ 250V	12 ÷ 30V	3 ÷ 250V	12 ÷ 48V	0 ÷ 250V	0 ÷ 48V
Maximum permanent power	375VA	32W	20VA	15W	10VA	8W
Working temperature	-20°C ÷ 50°C	-20° C ÷ 70°C				
Maximum voltage drop	< 3V	2V	< 3V		0V	
Cable section	2x0,35 mm²					
Degree of protection	IP 65					
Connecting time	2 ms					
Disconnecting time	1 ms					
Average working period	10^7 cicles					
Repetition of intervention point	± 0,1 mm					
Type of contact	N. A.					



Type - U

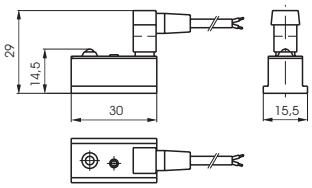


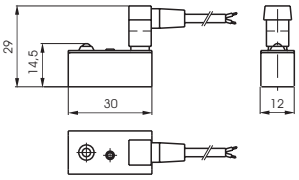
Type U/1

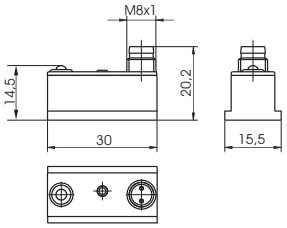
∗ Connection can be done either to negative or positive pole.

These sensors can be used on cylinders series:

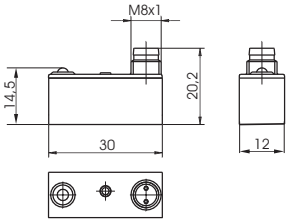
SERIES	DESCRIPTION	MOUNTED
1200	for microcylinders with threaded end covers, with clamps code	1260.Ø.F
	for microcylind. "MIR" with rolled end covers, with clamps code	1280.Ø.F
	for microcylind. "MIR-INOX" with rolled end covers, with clamps code	1280.Ø.FX
1306 - 1307 - 1308	from Ø32 to Ø63	1306.A
	from Ø80 to Ø125	1306.B
	from Ø160 to Ø200	1306.C
1319 - 1320 1383 - 1384	for cylinders Ø32 and Ø40	1320.A
	for cylinders Ø50 and Ø63	1320.B
	for cylinders Ø80 and Ø100	1320.C
	for cylinders Ø125	1320.D
	for cylinders Ø160	1320.E
	for cylinders Ø200	1320.F
1500	Compact cylinders "Europe" (from Ø32)	directly on groove
1605	Rodless cylinders	1600.A







for cylinders and microcylinders



for rodless cylinders

Ordering code

SENSOR FOR SNAP CONNECTOR WITH TWO WIRES

Cylinders and Microcylinders	**RS.DC**	sensor for continuous current with led normally open N.O.
	RS.UA	universal sensor with led normally open N.O.
	RS.UC	universal sensor with led normally closed N.C.
	RS.UA/1	universal sensor without led N.O. (REED ampulla only)
Rodless cylinders	**SRS.DC**	sensor for continuous current with led normally closed N.C.
	SRS.UA	universal sensor with led N.O.
	SRS.UC	universal sensor with led normally closed N.C.
	SRS.UA/1	universal sensor without led N.O.
Cable	**C1**	connector with 2,5 m. Cable (cable section 2x0,25mm^2)
	C2	connector with 5 m. Cable (cable section 2x0,25mm^2)
	C3	connector with 10 m. cable (cable section 2x0,25mm^2)

SENSOR FOR SNAP CONNECTOR WITH TWO WIRES INCLUSIVE OF C1 CABLE

Cylinders and Microcylinders	**RS.DCC1**	sensor for DC current N.O. with LED and 2.5mtr cable.
	RS.UAC1	universal sensor with led N.O. with connector and 2,5 m. Cable
	RS.UCC1	universal sensor with led N.C. with connector and 2,5 m. Cable
	RS.UAC1/1	universal sensor without led N.O. with connector and 2,5 m. cable (REED ampulla only)
Rodless cylinders	**SRS.DCC1**	sensor for continuous current with led normally closed N.O. with connector and 2,5 m. Cable
	SRS.UAC1	universal sensor with led N.O. with connector and 2,5 m. Cable
	SRS.UCC1	universal sensor with led N.C. with connector and 2,5 m. cable
	SRS.UAC1/1	universal sensor without led N.O. with connector and 2,5 m. cable (REED ampulla only)

SENSOR FOR M8 CONNECTOR WITH TWO WIRES

Cylinders and Microcylinders	**RS8.DC**	sensor for DC current N.O. with LED and M8 plug
	RS8.UA	universal sensor N.O. with LED and M8 plug
	RS8.UC	universal sensor NC with LED and M8 plug
Rodless cylinders	**SRS8.DC**	sensor for DC current N.O. with LED and M8 plug
	SRS8.UA	universal sensor N.O. with LED and M8 plug
	SRS8.UC	universal sensor NC with LED and M8 plug
Cable	**MCH1**	cable 3 wires l=2,5m with M8 connector
	MCH2	cable 3 wires l=5m with M8 connector

SENSOR FOR SNAP CONNECTOR WITH TWO WIRES ACCORDING TO IEC 947 NORMS

Cylinders and Microcylinders	**RS.DCNO**	sensor for continuous current with led normally open N.O., according to standard IEC 947
	RS.UANO	universal sensor with led normally open N.O, according to standard IEC 947
Cable	**C1NO**	connector with 2,5 m. cable, according to standard IEC 947
	C2NO	connector with 5 m. cable, according to standard IEC 947
	C3NO	connector with 10 m. cable, according to standard IEC 947

SENSORS FOR IN SERIES ASSEMBLING WITH SNAP CONNECTOR WITH 3 WIRES

Cylinders and Microcylinders	**RS.UA/1L**	universal sensor with led normally open N.O., for series assembly (3 wires)
Rodless cylinders	**SRS.UA/1L**	universal sensor with led N.O., for series assembly (3 wires)
Cable	**CH1**	connector with 2,5 m. cable (3 wires)
	CH2	connector with 5 m. cable (3 wires)

SENSORS FOR IN SERIES ASSEMBLING WITH SNAP CONNECTOR WITH 3 WIRES AND CH1 CABLE

Cylinders and Microcylinders	**RS.UACH1/1L**	universal sensor with led N.O. with connector and 2,5 m. cable, for series mounting (3 wires)
Rodless cylinders	**SRS.UACH1/1L**	universal sensor with led N.O. with connector and 2,5 m. cable, for series assembly (3 wires)

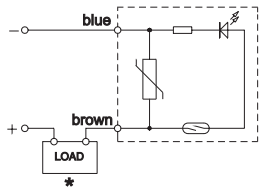
SENSORS FOR IN SERIES ASSEMBLING WITH M8 CONNECTOR WITH 3 WIRES

Cylinders and Microcylinders	**RS8.UA/1L**	universal sensor NO with LED for in series assembling (3wires) and M8 plug
Rodless cylinders	**SRS8.UA/1L**	universal sensor NO with LED for in series assembling (3wires) and M8 plug
Cable	**MCH1**	cable 3 wires l=2,5m with M8 connector (cable section 2x0,25mm^2)
	MCH2	cable 3 wires l=5m with M8 connector (cable section 2x0,25mm^2)

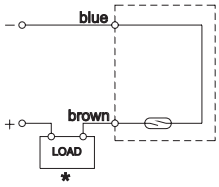
Technical characteristics	DC	U				U/1L		U/1	
		a.c.		d.c.		a.c.	d.c.	a.c.	d.c.
Type of contact	N.A.	N.A.	N.C.	N.A.	N.C.	N.A.		N.A.	
Maximum permanent current	1,2A	0,5A	0,3A	0,5A	0,3A	0,5A		0,5A	
Maximum current (pulses of 0,5 sec.)	1,5A	1A	0,8A	1A	0,8A	1A		1A	
Voltage range	12 ÷ 30V	3 ÷ 250V	3 ÷ 110V	12 ÷ 48V		24V		0 ÷ 250V	0 ÷ 48V
Maximum permanent power	32W	20VA	10VA	15W	8W	20VA	15W	10VA	8W
Working temperature	-20° C ÷ 70°C								
Maximum voltage drop	2V	<3V				0V			
Cable section	2x0,25 mm²					3x0,25 mm²		2x0,25 mm²	
Degree of protection	IP 65								
Connecting time	2 ms								
Disconnecting time	1 ms								
Average working period	10^7 cicles								
Repetition of intervention point	± 0,1 mm								

Diagrams and connections

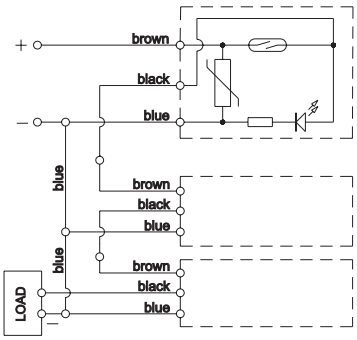
Type - UA



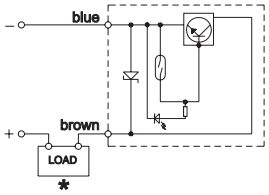
Type UA/1



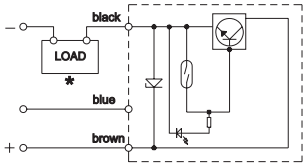
Type - UA/1L



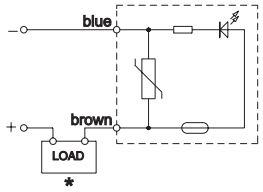
Type - DC



Type - DCNO



Type - UC



These sensors can be used on cylinders series:

SERIES	DESCRIPTION	MOUNTED
1200	for microcylinders with threaded end covers, with clamps code	1260.Ø.F
	for microcylind. "MIR" with rolled end covers, with clamps code	1280.Ø.F
	for microcylind. "MIR-INOX" with rolled end covers, with clamps code	1280.Ø.FX
1306 - 1307 - 1308	from Ø32 to Ø63	1306.A
	from Ø80 to Ø125	1306.B
	from Ø160 to Ø200 for cylinders Ø250 (ISO)	1306.C 1306.D
1319 - 1320 **1383 - 1384**	for cylinders Ø32 and Ø40	1320.A
	for cylinders Ø50 and Ø63	1320.B
	for cylinders Ø80 and Ø100	1320.C
	for cylinders Ø125	1320.D
	for cylinders Ø160	1320.E
	for cylinders Ø200	1320.F
1500	Compact cylinders "Europe" (from Ø32)	directly on groove
1605	Rodless cylinders	1600.A