BVBA POMAC-LUB-SERVICES SPRL Korte Bruggestraat 28 B-8970 Poperinge
Tel. 057/33 48 36 – Fax 057/33 61 27 info@pomac.be – internet: www.pomac.be

CHAIN LUBRICATION WITH BRUSHES WITH OIL DRIPPERS

BVBA POMAC-LUB-SERVICES SPRL Korte Bruggestraat 28 B-8970 Poperinge
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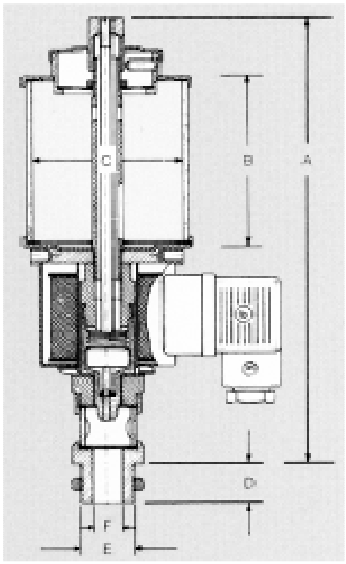
ELECTRIC DRIP FEED OILER

For the automatic drop dosing of oil - or other liquids. Large replenishing bowl with dust guard cover - cylinder glass of »PLEXIGLAS« or natural glass. With the electric UNI drip feed lubricator all liquids can be dosed drop by drop, provided they are not mixed with solid matters or thicken by heat. Attention must be paid to the compatibility with »PLEXIGLAS« and buna N as sealing material. (Possibly use natural glass and vitone sealings.) The power supply is made directly from the main switch of your machine or through other available circuits. The possibilities of lubricant feeding reach from continuous operation to the infinitely variable operation time selection through our new timings Typ 1078/1 (timer and pulse generator).



Type	Thread E	F	A	B	C	D	Content	Voltage Ranges
ELO 40	G 1/8	-	118	55	40	8	36	12/24V AC/DC 48V AC
ELO 140	G 1/2	G 1/4	150	60	60	15	140	24 V AC/DC, 42 V AC, 48 V AC, 220 V AC, 220 V AC, 60 Hz
ELO 200	G 1/2	G 1/4	170	80	60	15	200	
ELO 500	G 1/2	G 1/4	200	100	80	15	500	
ELO 1000	G 1/2	G 1/4	240	120	100	15	1000	
ELO 2000	G 1/2	G 1/4	285	150	133	15	2000	
ELO 3000	G 1/2	G 1/4	315	180	150	15	3000	

Subject to modification

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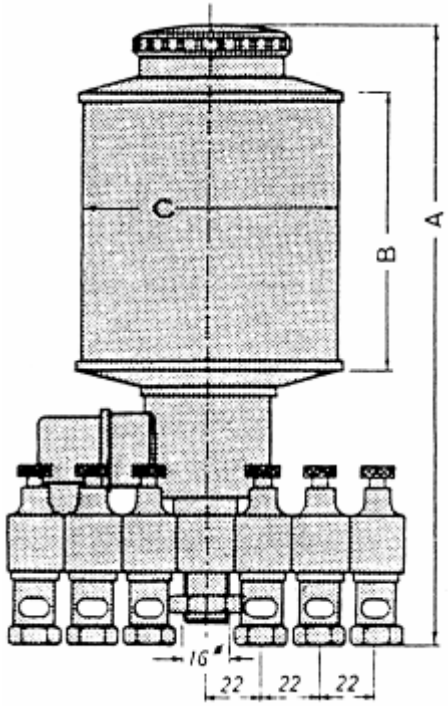
ELECTRIC DRIP FEED OILERS

Type MET.B, nickel-plated, pickled brass

Electrically controlled multiple drip feed lubricator for oil and other liquids. Solenoid valve (»open-closed« function) - distributing battery (1 - 10 drip feed lubricators) - exact drop dosing by metering spindles - large replenishing bowl with screw-type for or filler cap - cylinder glass of PLEXIGLAS or nature glass - easy visual inspection of drop fall. With the electric multiple UNI drip feed lubricator MET.B up to 10 lubricating points can centrally be supplied through the installed valve battery, whereby the requested oil quantity can be set for each individual lubricating point by means of the installed drip feed lubricators and supplied to them through pipes an hoses. The »open-closed« function can be controlled directly through the main switch of the machine.



Type	A	B	C	Content		Voltage Ranges
MET.B 140	175	60	60	140	Screw cap	
MET.B 200	195	80	60	200	Screw cap	
MET.B 500	235	100	80	500	Tank cap	24V 50Hz, 24VDC, 48V 50Hz,
MET.B 1000	275	120	100	1000	Tank cap	220V 50Hz, 220V 60Hz
MET.B 2000	320	150	133	2000	Tank cap	
MET.B 3000	350	180	150	3000	Tank cap	

Possible material of sealing in buna N, hypalon, viton and Teflon.
According DIN 4 00 50 IP 20, (EX) SG 4 not available.
Other voltages on demand.
For humid operation conditions choose MET.H

Subject to modification

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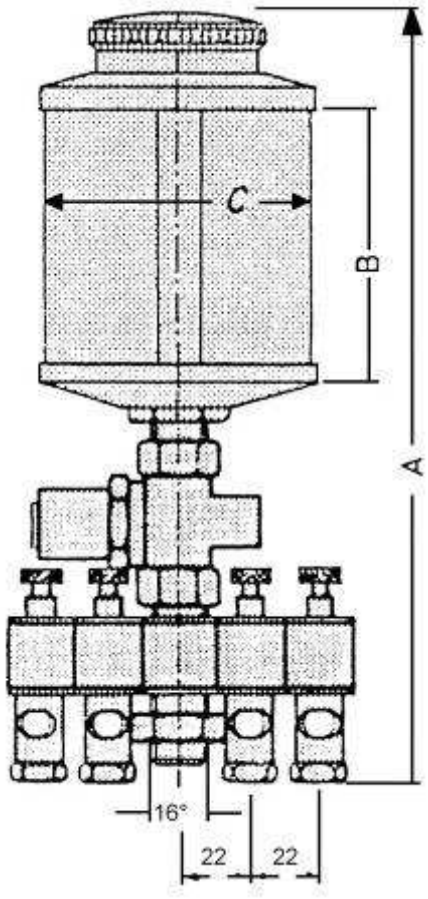
ELECTRIC DRIP FEED OILERS

TYPE MET.H, nickel-plated/pickled brass

As far as its function and working method are concerned, the electric UNI oil dispenser MET.H is of the same design as model MET.B. In view of the different solenoid valve design, the electric oil dispenser MET.H can also be used in operating areas involved with the action of humidity and dust.



Possible material of sealing in buna N, hypalon, viton and Teflon.
According DIN 4 00 50 IP 65, (EX)SG4 not available.
Other voltages on demand.
For humid operation conditions choose MET.H

Type	A	B	C	Content		Voltage Ranges
MET.H 140	200	60	60	140	Screw Cap	24V 50Hz, 24V DC, 48V 50Hz, 220V 50Hz, 220V 60Hz
MET.H 200	220	80	60	200	Screw Cap	
MET.H 500	255	100	80	500	Tank Cap	
MET.H 1000	275	120	100	1000	Tank Cap	
MET.H 2000	310	150	133	2000	Tank Cap	
MET.H 3000	350	180	150	3000	Tank Cap	

Subject to modification

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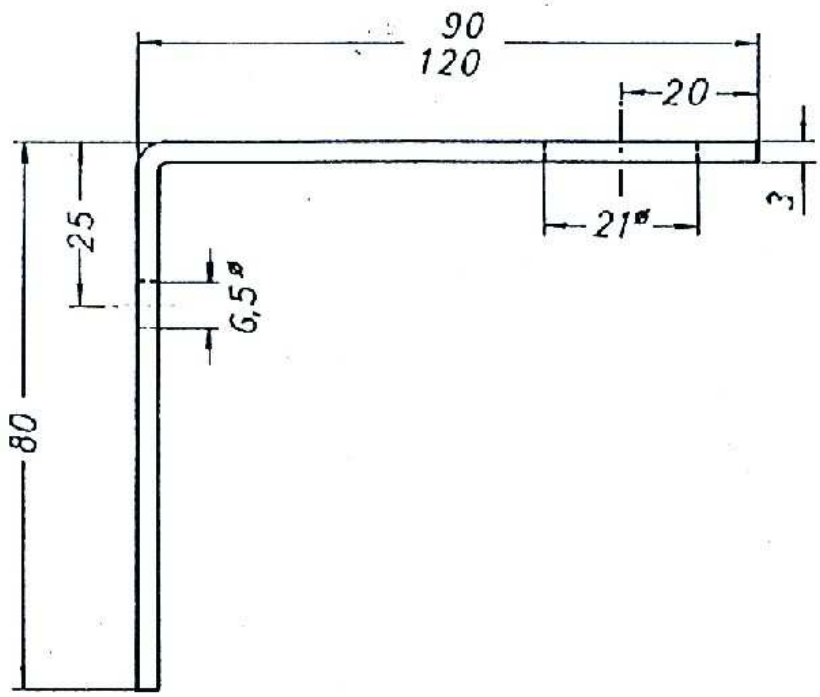
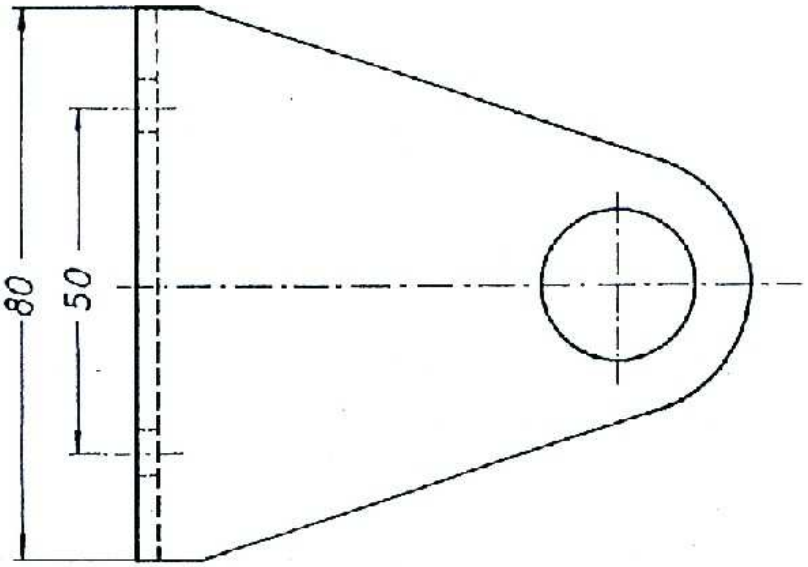
MOUNTING BRACKET FOR MWI 90/120





Confirmationcorner:

UNI	60 – 150x180
UST	60 – 100x120
MOS	140 – 3000
MTM	140 – 3000
OBH	500 – 3000
ELO	140 – 3000
MET	140 – 3000
EOS	140 – 3000
EPO	500 – 3000

≤ 1000 ml MWI 90
≥ 2000 ml MWI 120

Subject to modification

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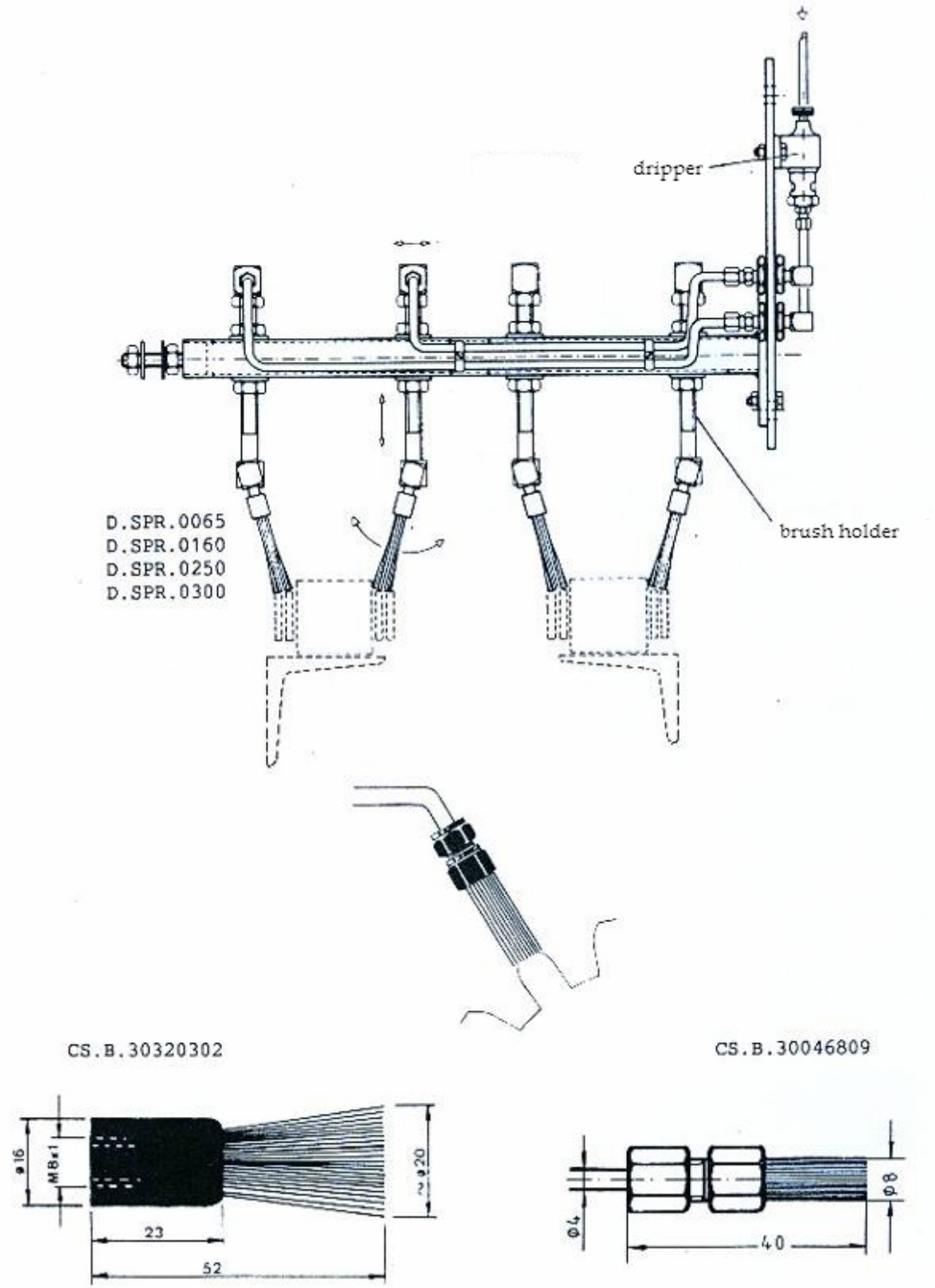
OIL BRUSHES FOR CENTRAL LUBCRICATION AND OIL DRIPPERS



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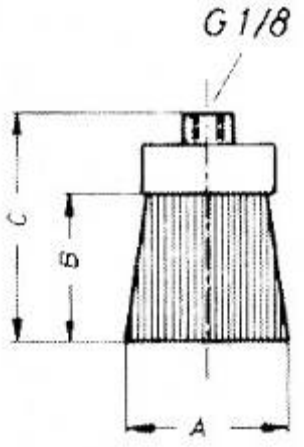
OILBRUSHES

TYPE SPR

Socket of brass or aluminum, perlon bristles up to approx. 70 °C, for higher temperature steel bristles are being used. The corrugated brush bristles maintain the lubricant in the brush, preventing the lubricant from dripping.

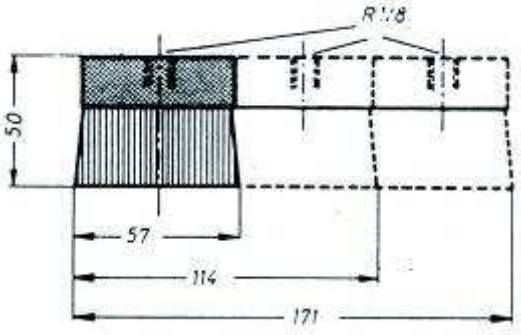
Type	A	B	C	Presentation
D.SPR.0065PE	6.5	50	65	perlon
D.SPR.0065ST	6.5	50	65	V2 A-Stahl
D.SPR.0160PE	16	30	53	Perlon
D.SPR.0160ST	16	30	53	V2 A-Stahl
D.SPR.0250BR	25	45	70	Bronze
D.SPR.0250PE	25	45	70	Perlon
D.SPR.0250ST	25	45	70	V2 A-Stahl
D.SPR.0300PE	30	45	70	perlon
D.SPR.0300ST	30	45	70	V2 A-Stahl

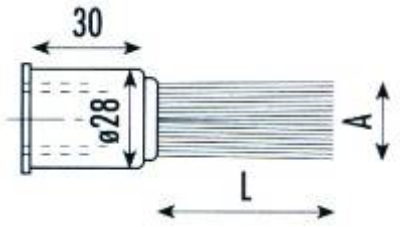


TYPE SPF

Socket of aluminium. Perlon bristles up to approx. 70 °C, for higher temperature steel bristles are being used. UNI SPF oil brushes are flat brushes that can be combined in various widths. Use one drip feed lubricator for each connection to ensure a uniform oil film. For the lubrication of surfaces, belts or chains.

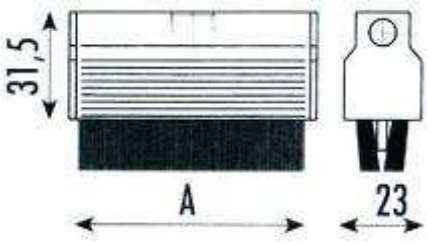
Type	Presentation
D.SPF.0570PE	perlon
D.SPF.0570ST	Steal
D.SPF.0570BR	Bronze
D.SPF.1140PE	Perlon
D.SPE.1140ST	V2 A-Stahl
D.SPE.1140BR	bronze
D.SPF.1710PE	perlon
D.SPF.1710ST	V2 A-Stahl
D.SPF.1710BR	bronze





Round wire brush 1/4”

Type	A	L	Presentation
D.SIMA.B-2034	25	45	perlon



Wire brush 1/4”

Type	A	Presentation
D.SIMA.B-2034	25	perlon
D.SIMA.B-2035	40	perlon
D.SIMA.B-2036	70	perlon
D.SIMA.B-2037	100	perlon
D.SIMA.B-2038	25	perlon

Subject to modification

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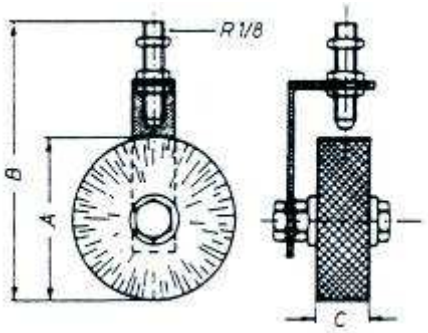
ROLL LUBRICATION

Type RSM

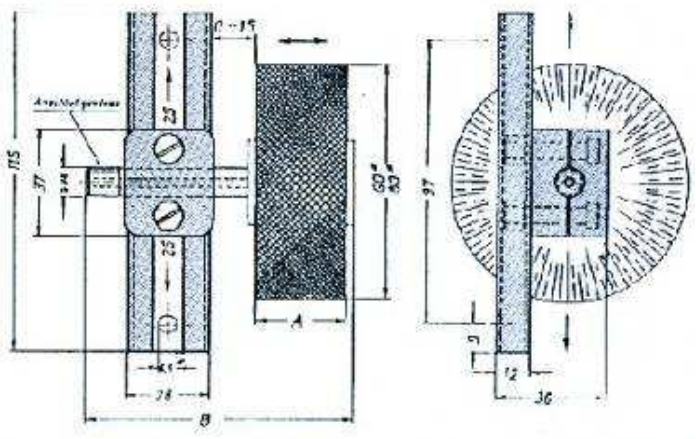
For oiling of slide ways, chains, metal ropes etc. The combination with the electric UNI lubricators and the UNI drip feed lubricators enable you to install a reliable and inexpensive lubrication system. Perlon bristles up to approx. 70 °C, for higher temperature steel bristles are being used.

Type	A	B	C	Presentation
D.RSM.80PE	80	127	25	Perlon
D.RSM.80ST	80	127	25	Steal



Type RSM - B (with internal alimentation)

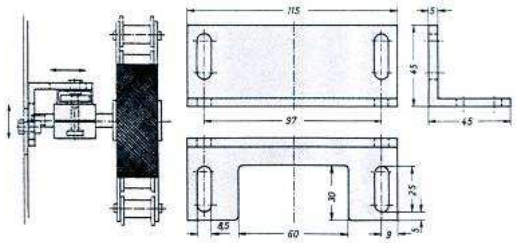
For the lubrication of your chains, metal ropes and belts. The UNI roller lubrication RSM - B can be used wherever there is not enough space to fit the proven RSM 80 roller lubrication. the lubricant is supplied through the contral axis of the roller brush, protected against contamination. The holder being designed for a practical installation permits an adjustment of the roller brush even after complete fitting. Material: Nickeled brass, V2A, aluminium. Perlon bristles for temperatures up to 70 °C. Steel bristles for higher temperatures.



Type	A	B	Type
RSM-B 60/20	20	74	RSM-B 80/20
RSM-B 60/25	25	82	RSM-B 80/25
RSM-B 60/30	30	91	RSM-B 80/30
RSM-B 60/40	40	99	RSM-B 80/40

Mounting bracket angle for RSM – B

The adjustment possibilities of the functional RSM - B installation aid are enhanced by oblong holes. Surface-protected by black stove-enamal finish.



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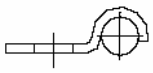
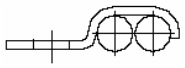
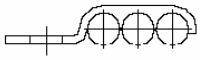
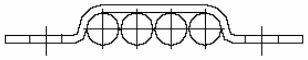
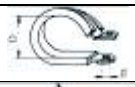
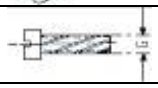
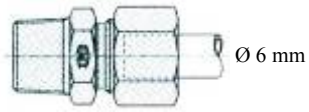
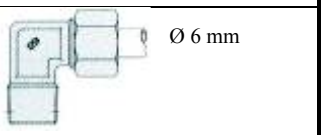
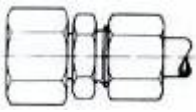
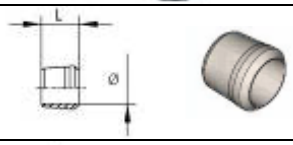
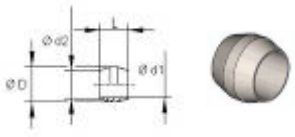
ACCESSOIRIES FOR OIL DRIPPERS AND BRUSHES

TUBES, CONNECTORS AND ACCESSOIRIES

Pos.	Qua.	Order no.	Article	
1		LPA.HNF.06/04	Nylon tube 6x1.TR6/4 transparent	
2		LME.ST-G.06/04	Steel tube galvanized 6/4, 389 bar, DIN 2391C	
3		LME.CU.06/04	Copper tube 6/4, 100 bar	
4		LPA.E.05-6/4	Plug sleeve (required for coupling with PA)	
5		LB.LK.01X06	Pipe clips in steel, 1 x 6 mm	
6		LB.LK.02X06	Pipe clips in steel, 2 x 6 mm	
7		LB.LK.03X06	Pipe clips in steel, 3 x 6 mm	
8		LB.LK.04X06	Pipe clips in steel, 4 x 6 mm	
9		LB.LK.RS-16-12	Pipe clips with rubber Ø leiding 6 mm	
10		LB.LK.TF4	Plastic cable ties max. Ø 31.4 mm	
11		LB.LK.TF5	Plastic cable ties max. Ø 44.4 mm	
12		LB.LK.TF7	Plastic cable ties max. Ø 88.9 mm	
13		VBM. ZTV.BM04X08	Self-tapping screw for clips M 4 x 8 mm (3.5 mm bore)	
14		CK.GE.06LLM06X1	Straight male connector conic 6x1	 Ø 6 mm
15		CK.GE.06LLM08X1	Straight male connector conic 8x1	
16		CK.GE.06LLM10X1	Straight male connector conic 10x1	
17		CK.GE.06LLR02	Straight male connector conic 1/8”	
18		CK.GE.06LR04	Straight male connector conic 1/4”	
19		CK.WE.06LLM06X1	Male elbow connector conic 6x1	 Ø 6 mm
20		CK.WE.06LLM08X1	Male elbow connector conic 8x1	
21		CK.WE.06LLM10X1	Male elbow connector conic 10x1	
22		CK.WE.06LLR02	Male elbow connector conic 1/8”	
23		CK.WE.06LR04	Male elbow connector conic 1/4”	
24		D.GAV.6LG02	Straight connector with female thread for brush holder G: 1/8	G  Ø 6 mm
25		D.WAV.6LG02	Elbow connector with female thread for brush holder G: 1/8	 Ø 6 mm G
26		LK.SR.06LL	Cone drive in steel Ø 6 mm L= 6.5 mm	
27		LK.KR.ME-06	Double cone drive in brass Ø 6 mm L= 6.5 mm	

Most pieces are available in inox as well.

At request: detail dimensions, other Ø or couplings in brass or inox.

Subject to changes

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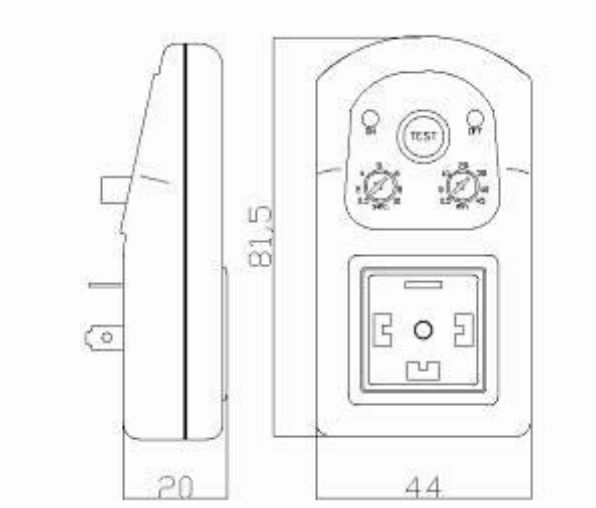
MINI TIMER TEC 22
FOR CONTROL OF SOLENOID VALVE



SPECIFICATIONS

- Solenoid valve timer
- Instelbare pauze en pulstijd
- Discharge (ON) Time 0.5- 10 sec
- Interval (OFF) Time 0,5 -45 min.)
- 24-240 Volt AC/DC 50/60 Hz
- DIN 43650 ISO-4400/6952
- IP 65 NEMA IV
- Test-switch
- CE

Technical specifications

Supply voltage :	24 V – 240 V AC/DC 50/60 Hz
Max. current consumption :	4mA maximum
Operating Temperature :	-10 bis +50°C
Environmental protection :	ip 65, NEMA IV
Connection :	DIN 43650 ISO-4400/6952
Indicator :	LED

Subject to modification.

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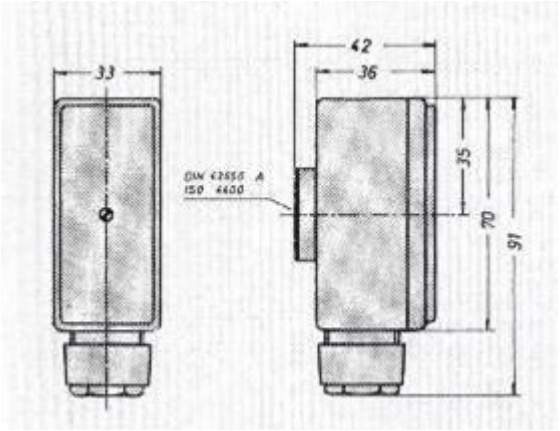
ELECTRONIC TIMER FOR VALVE CONTROL

DIE ELECTRONISCHE ZEITSTEUERUNG ZUR VENTILANSTEUERUNG

Simple control technology Type 1078-1
Freely programmable unit with functions to replace additional control components (e.g. timer relay, timers, SPC, etc.).
DIP-switch programming
8-pole DIP switch allows module to be programmed for four functions and eight switch-on and switch-off ranges.
Easy to install.
Simply disconnect unit socket and plug-in timer control type 1078-1.
Flexible cable exit
Which allows repositioning in 90° increments provides for installation even in problem situations with limited space.
Integrated LED-displays
Allow permanent check of supply voltage and valve control to complete the ease of service and operation.
Quick function check
Even for longer time intervals, e.g. in hour range: after fine adjustment switch over to second range – check – switch back to original time range.
Splash-proof
The plastic housing with IP 65 protection system rating ensures that unit can be used even in problem areas.
Voltage ranges
110-230 V/50-60 Hz AC
24-48 V/50-60 Hz AC and DC
Combinable
Connection circuit pattern according to DIN 43650 allows combination with highly differing valves.



Einfache Steuerungstechnik Type 1078-1
Ein frei programmierbares Gerät kann durch seine Funktionen zusätzliche Steuerungskomponenten ersetzen (z.B. Zeitrelais, Schaltuhren, SPS, etc.).
DIP-Schalter-Programmierung
Über 8-poligen DIP-Schalter ist das Modul Für vier Funktionen und acht Ein-und Ausschaltbereiche programmierbar.
Monatagefreundlich.
Nach einfachem Abziehen der Gerätesteckdose wird die Zeitsteuerung Typ 1078-1 aufgesetzt.
Integrierte LED-Anzeigen.
Ermöglichen die permanente Kontrolle der Versorgunsspannung und der Ventilansteuerung und runden die Service- und Bedienungsfreundlichkeit ab.
Schnelle Funktionskontrolle.
Auch bei langen Zeitintervallen, z.B im Stundenbereich: Nach der Feineneinstellung umschalten in den Sekundenbereich – Kontrolle – Zurückschalten in den ursprünglichen Zeitbereich. Jeweils durch einfaches Betätigen des DIP-Schalters.
Spritzwassergeschützt.
Durch das nach Schutzart IP 65 geschützte Kunststoffgehäuse ist das Gerät auch in problematischer Umgebung einsetzbar.
Spannungsbereiche
110 - 230 V / 50-60 Hz AC
24 – 48 V / 50/60 Hz AC + DC
Kombinierbar.
Das Anschluss-Schaltbild gemäss DIN43 650 erlaubt die Kombination mit den unterschiedlichsten Ventilen.

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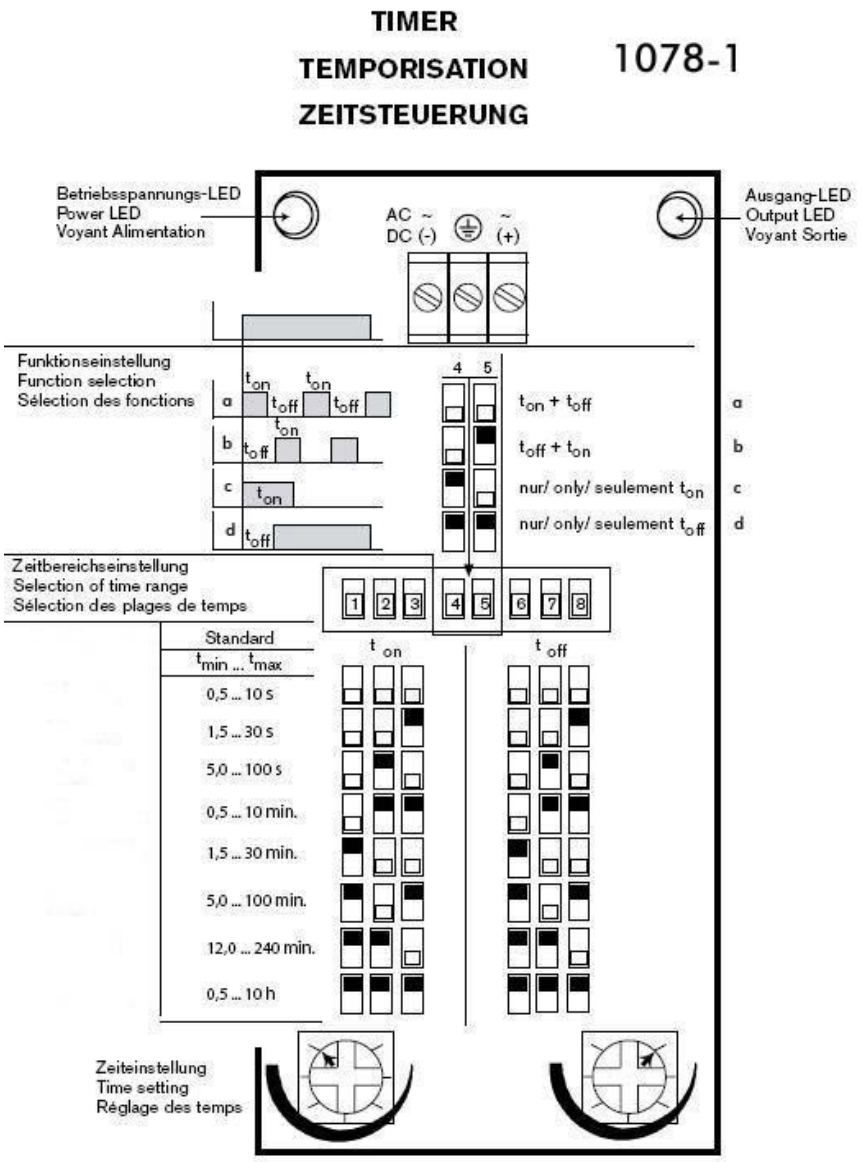
Programming scheme voor DIP Switch
Programmier-Schema für 8-poligen- DIP-Schalter



Description of the functions

a. cycle clock
The attached valve is periodically turned on and off. The times are adjustable via two potentiometers. All eight areas for time and off time can be freely combined.
b. inverted cycle clock
The operation is performed in reverse sequence of work.
c. Single Shot
The attached valve is actuated by the operating voltage for the set time. Then the valve is turned off until the next operating voltage.
d. delay
After switching on the power supply the valve will be turned on after set time.

Beschreibung der Funktionsarte

a. Taktgeber
Das angeschlossene Ventil wird periodisch ein- und ausgeschaltet. Die Zeiten sind über zwei Potentiometer einstellbar. Alle acht Zeitbereiche für Ein- und Auszeit sind frei miteinander kombinierbar.
b. Taktgeber invertiert
Die Wirkungsweise der Taktgeberausführung wird in umgekehrter Arbeitsabfolge ausgeführt.
c. Einschaltimpuls
Das angeschlossene Ventil wird nach Einschalten der Betriebsspannung für die eingestellte Zeit betätigt. Danach schaltet das Ventil bis zum erneuten Anlegen der Betriebsspannung ab.
d. Einschaltverzögerung
Nach dem Einschalten der Betriebsspannung wird das angeschlossene Ventil erst nach Ablauf der eingestellten Zeit geschaltet.