



Uurwerken en Klokken

Industrieel Uurwerk FU 192

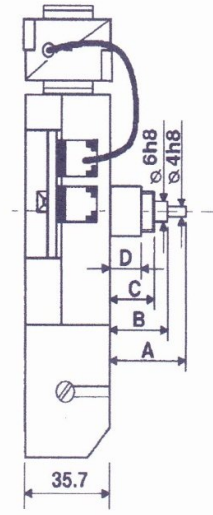
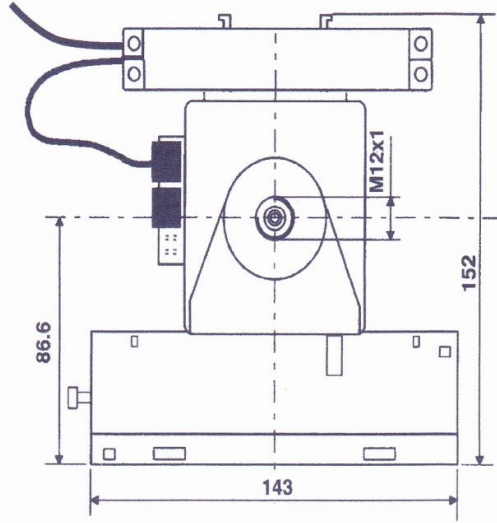


Uurwerk voor binnen en buitenklokken.

Maximale diameter van de klok 80cm

Radio gestuurd via een intern of extern tijdsignaalreceiver DCF 77 of
MSF 60

Beschikbaar voor transparante en non transparante wijzers



Technische data.

Models	192 / 192t	Description	FU 192	FU 192t
Order Reference-Number		200 xxx	205	206
Operation		DCF 77 (AD 192 adapted)	✓	✓
		MSF 60 (AM 192 adapted)	—	—
		time signal RS 232 / RS 422 for interface IF 494	—	—
		temp.comp. quartz with ± 60 sec / year at 0 - 40°C	—	—
Trait of reception for DCF, MSF		nearly all around reception with slant mounted, 180° reversible antenna	✓	✓
Synchronization		synchronization of the seconds: each hour complete time take-over: at startup, at least 2 x per night or by key touching	✓	✓
Control of hands position		1 x per 12 hour	✓	✓
Setting time:		12.00 o'clock (ex works)	✓	✓
Starting				
Running time to reference position		6 minutes maximum	✓	✓
Read-in of time telegram		< 3 minutes (at perfect reception)	✓	✓
Running time for new adjustment		3 ... 12 minutes (at perfect reception)	✓	✓
Changes of daylight saving time		5,5 minutes maximum	✓	✓
Setting of time, su/wi-time for QU 192 / QU 192 t		actuating key as per description	—	—
Power supply for in- and outdoors		1 x 3,6 V Lithium-battery *	✓	✓
For indoors only		power supply for 230 V/50 Hz, 3,6 VDC *	✓	✓
Life span of batteries		2 x 1,5 V IEC LR 20 (Mono) *	✓	✓
		2 x 1,5 V LR 20 batteries approx. 3 years;	✓	✓
		1 x Lithium-battery approx. 6-7 years	✓	✓
Actuation		1 motor for minute- and hour hands	✓	✓
Step frequency of minute hand motor		display mode 1 step/min setting mode 2 steps/sec.	✓	✓
Dimensions of hands max.		as per DIN 41092/3 for dial Ø upto 80 cm	✓	✓
Weight of hands max.		balanced min.-hand 140 g, hour-hand 110 g	✓	✓
Fixing		central nut M12 x 1 mm	✓	✓
Operation and stocking temperature		-30°C upto +70°C	✓	✓
Operation and stocking temperature (compare drawing)		B 143 x H 149 x T 35 mm	✓	✓
Colour		B 143 x H 130 x T 35 mm	—	—
		cream white RAL 9001	✓	✓
Weight without batteries		gram	310	350
* Power supply and batteries		NOT INCLUDED in delivery	—	—

Radio reception		indoors		outdoors		Referece-No.
Model	Description	Standard	Extendable by CAB 192	Standard	Extension	
AD 192	DCF 77-Radio time signal receiver AD 192	✓	4/8 m	✓	—	200208
AD 192.5	DCF 77-Radio time signal receive AD 192.5	—	—	—	5 m	200330
AM 192	MSF 60-Radio time signal receive AM 192	✓	4/8 m	✓	—	200209
AM 192.5	MSF 60-Radio time signal receive AM 192.5	—	—	—	5 m	200331
Options:						
Extension cable CAB 192 as a set, with connectors and plugs (length = 4 m)		for indoor use only				700471 & 700469
Cascade cable COM 192 with connectors (length = 1 m)						200045
Long-life Lithium batteries, 3,6 V		within a protected housing (IP 54)				B598 3000 0000
Power supply unit for 230 V/50 Hz, 2 x 3.7 V DC						201670
Interface IF 494 plugable, with connection to serial interface RS 232 oder RS 422		for in- and outdoors				200328