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so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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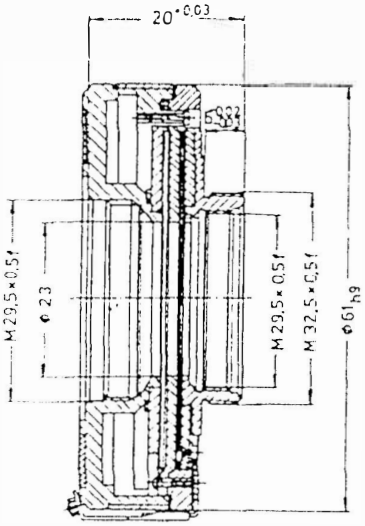
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prontor
Zeiss-Gruppe
West Germany

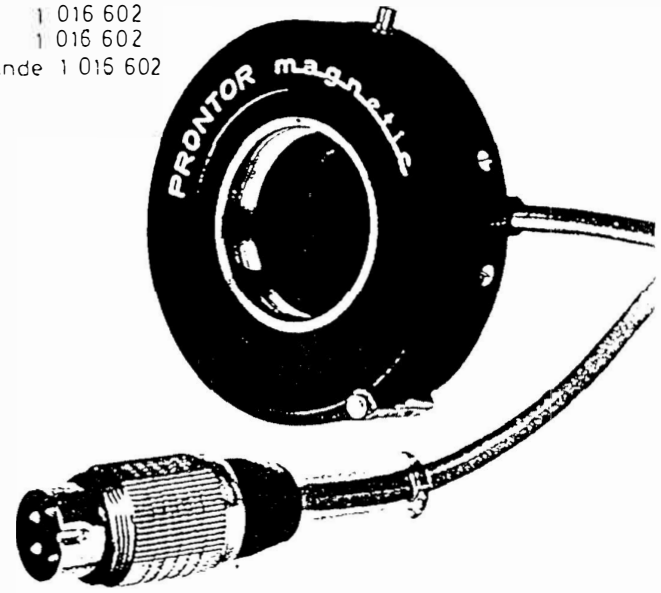
Prontor-Werk
Alfred Gauthier
GmbH

PRONTOR magnetic Größe 0
PRONTOR magnetic Size 0
PRONTOR magnetic Taille 0

016



Bestell – Nr. 1 016 602
Order No. 1 016 602
No de commande 1 016 602



Belichtungszeiten: 32s 16s 8s 4s 2s 1s 1/2s 1/4s 1/8s 1/15s 1/30s 1/60s	Exposure times :	Temps de pose :
Blende : Größte Öffnung 23 Ø Kleinste Öffnung 1,5 Ø	Diaphragm : Maximum aperture 23 Ø Minimum aperture 1,5 Ø	Diaphragme : Ouverture max. 23 Ø Ouverture min. 1,5 Ø
Gesamthöhe : 20mm+0,03 Abstand der Objektivrohr-stirnflächen	Total height : 20mm+0,03 Distance between the front and the rear faces of the lens tube	Hauteur totale : 20mm+0,03 Distance entre les faces du tube porte-objectif
Gehäusedurchmesser : 61mm Fassungsgewinde vorn und hinten : M29,5x0,5	Housing diameter : 61 mm Front and rear lens mounting thread: M 29,5x0,5	Diamètre du boîtier : 61 mm Filetage avant et arrière: M 29,5 x 0,5
Anschraubgewinde: M32,5x0,5	Thread of retaining ring: M 32,5 x 0,5	Filetage de la bague de fixation: M 32,5 x 0,5
Kürzeste mögliche Belichtungszeit : 1/60s	Shortest possible exposure time : 1/60s	Temps de pose le plus court : 1/60s
Zusatzgerät / Steuergerät: Bestell-Nr. 1 017 349 (019)	Accessory instrument / control device: Ref.no. 1 017 349 (019)	Dispositif complémentaire / Dispositif de commande : Réf.No. 1 017 349 (019)
Magnetischer Antrieb (hohe Lebensdauer), Fernbedienung mittels Steuergerät mit Netzanschluß, elektronisch gesteuerte Belichtungszeiten, manuell einstellbare stufenlose Blende.	Magnetic drive (long life) remote speed control with power pack, electronically controlled shutter speeds, manually controlled aperture continuously adjustable.	Fonctionnement magnétique (grande longevité), commande à distance par l'intermediaire d'un dispositif de commande se branchant sur le secteur, vitesses d'obturation pilotees electriquement, diaphragme reglable manuellement sans crans d'immobilisation.
Für Maße und Daten sind nur Angaben der Originalzeichnung 1016 602 verbindlich.	For dimensions and other data original factory drawing 1 016 602 is available.	Seules les dimensions et les donnees du dessin original d'atelier 1016 602 sont valables.

prontor
Zeiss Gruppe
Germany

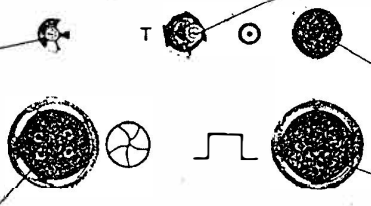
Prontor-Werk
Alfred Gauthier
GmbH

Steuergerät für PRONTOR magnetic
Control device for PRONTOR magnetic
Dispositiv de commande PRONTOR magnetic

017

Bestell-Nr. 1 017 349
Ref.no. 1 017 349
Réf.no. 1 017 349





Wahlschalter
Selector switch
Commutateur de sélection

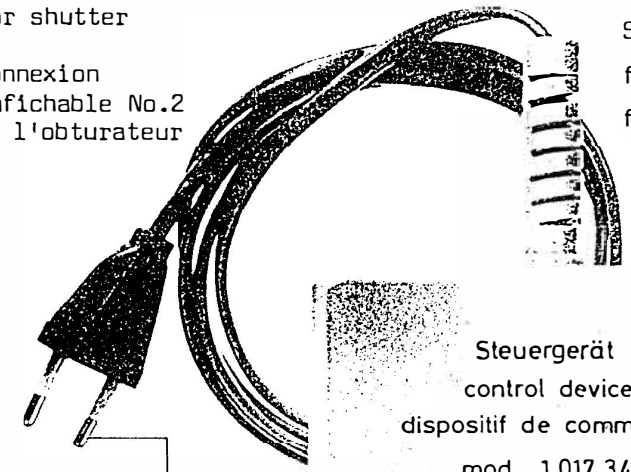
Signallampe
Signal lamp
Lampe de signalisation

Auslösetaste
Release button
Bouton de déclenchement

Steckverbindung Nr.2
für Verschluß
Socket no.2
for shutter
Connexion
enfichable No.2
de l'obturateur

Steckverbindung Nr.3
Socket No.3
Connexion enfichable No.3

Impuls-Eingang
externe Triggerung
Anschlußschema s. Z3748
Pulse input
external triggering
for scheme see sheet Z3748
Entrée d'impulsions
déclenchement électrique
extérieur
schéma du prise voir
feuille Z3748



Sicherung
fuse
fusible

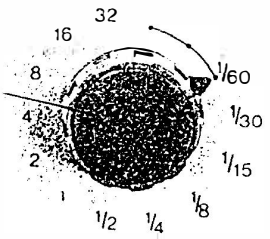
Steuergerät
control device
dispositif de commande
mod. 1 017 349
für for pour
prontor magnetic

110/220 V~	50/60 Hz	12 VA
Si ⊖ 0,16 A (M)	P 42	

Netzanschluß
Power supply
Branchement au réseau

Anschluß für
Fernauslösekabel
Connection for
remote release cable
Prise du câble de
télécommande
de déclenchement

Belichtungszeit-
einsteller
Speed selector
Selector du temps
de pose



Fernauslösekabel
4 m lang Best.Nr. 1172804

Remote release cable
length
4 m ref.no. 1172804

Câble de télécommande
de déclenchement
longueur
4 m réf.no. 1172804

07.03.94

Prontor Werk Alfred Gauthier GmbH · 75323 Bad Wildbad · Telefon 07081/781-1 · Telefax 07081/781499

Magnetic shutter system
PRONTOR magnetic

Z 3748

Basically two different kinds of delivery volumes are possible:

1. The shutter together with the mains connected control device.

2. Only the shutter without control device. In this case the customer himself has to set up a control device according to the conditions mentioned under item 2.

A t t e n t i o n :
Shortest possible time between two exposures: 1 second.

Item 1 : The shutter with control device

1.1 After having connected the shutter to the control device (socket no.2) it can be operated with the indicated exposure times ranging from 1/60s up to 32 seconds and "T" which can be set by the speed selector.

1.2 The shutter is operated by the control device described in data sheet no. ●17 . It has to be connected to the mains.

1.3 The control device is adjusted for a mains voltage of AC 220V. It is possible to change over to AC 110V. For this purpose the device must be opened.
A t t e n t i o n : Disconnect the device from the mains.

1.4 The control device should be disconnected from the mains if it is not used for a certain periode of time.

1.5 The selector switch of the control device has two positions which are marked with "T" and "◎".

If the switch is set to "◎" the device is prepared to operate the shutter with the exposure time selected with the speed selector.

After setting the switch to "T" and pressing the release button the shutter opens and remains open until the switch is reset from "T" over to "◎".

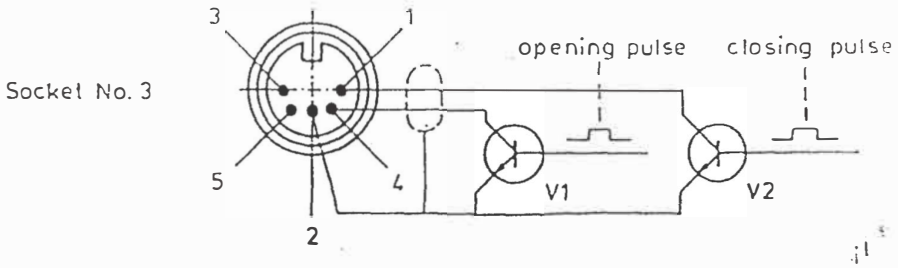
1.6 After having set the desired exposure time with the speed selector at the control device within the range of 1/60s up to 32 seconds the shutter is operated by pressing the release button. The yellow signal lamp is lighted as long as the shutter remains open.

1.7 As an option it is possible also to release the shutter by means of a remote release cable mentioned in the date sheet no.17 and to be connected to socket no.3.
This release function also can be realised by a simple closing switch which has to be connected to bushes 2 and 3 of the mentioned socket no.3.
(See diagram below)

1.8 There is the further possibility of an external control of the shutter by electrical pulses via socket no.3. For that purpose the selector switch has to be set to "T".

The negative pole of the needed external source of electric power (GND) has to be connected to bush 2 of socket no.3.

If the selector switch is set to "◎" the exposure time pre-selected by the speed selector can be released by a pulse onto bush 4 for the opening pulse.



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