

Remote displays

Remote display	PR 1627/00
Remote display/terminal	PR 1628/xx
Alphanumeric keyboard	PR 1629/60



global weighing technologies



PR 1627/00

- W&M approved remote display (slave) for indication and control
- Luminous vacuum fluorescent display
- Use inside Ex-areas of Zone 2 (IIC T4)
- Serial interface (current loop, RS 232 or RS 422/482)
- Robust metal housing with IP65 front panel protection class
- Operation and layout similar to the master instrument



PR 1628/xx

PR 1629/60

- W&M approved remote display (slave) for indication and control
- EEx ib IIC T6 approval (/60 versions) for operation inside hazardous area
- Robust metal housing with IP65 front panel protection class
- PR 1628:
 - display/operator language configurable
 - Additional signal inputs for process integration
 - 2-lines LCD/8 function keys
 - max. 2 serial interfaces
 - printer connectable
- PR 1629: passive keyboard, 55 keys

PRODUCT PROFILE

The remote displays and keyboard have been designed for

- indicating weighing / batching processes including status information
- full remote control of weighing / batching processes
- clear and easy man-machine interface

- input or generation of signals for the process
- free terminal mode functionality (PR 1628)

Approved for W&M applications !

SPECIFIC FEATURES

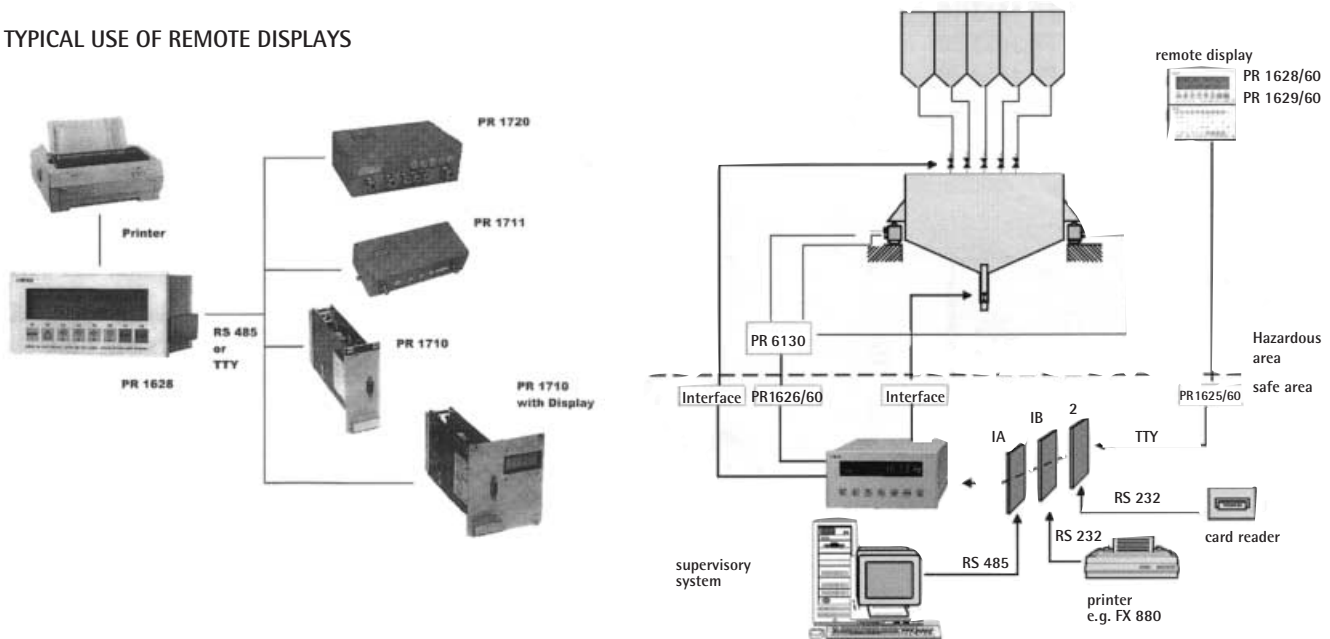
- Connectable to GWT instruments
- Several remote displays connectable to one weighing instrument
- Several transmitters (PR 17xx) and remote displays (PR 1628) connectable in a bus system.



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		PR 1627/00	PR 1628/00	PR 1628/60	PR 1629/60
Display		VFD; 7-digit; 12.5 mm	LCD; 2x20 characters; 12.7 mm	LCD; 2x20 characters; 12.7 mm	-
Keys		7; 15x15 mm	8; 15x15 mm	8; 15x15 mm	55; 11x11 mm
Supply voltage	AC	24/110/128/220/230/238 V	110/128/220/230/238 V	-	-
	DC	18-31 V	-	10-12.6 V (Ex-supply)	-
Power consumption		10 VA	15 VA	0.8 W	passive
Serial line	(optional)	TTY, RS 232, RS 485/422	2x(TTY, RS 232, RS 485/422)	TTY already build in	-
Outputs		-	1 relay (change over contact)	-	-
Digital input		9	9	-	-
Operation		7 keys	8 keys or PR 1629/60	8 keys or PR 1629/60	-
WP operation		X	X	X	-
Display mode (gross, net, tare)		X	X	X	-
Terminal mode operation		-	X	X	-
Number of WP connectable		1	max. 8 (PR 17xx)	max. 8 (PR 17xx)	-
Batch status indication		batch active	X	X	-
Batching operation		-	X	X	-
Printing		via main instrument	X	via main instrument	-
Protection	housing	IP 30	IP 30	IP 30	IP 30
	front	IP 65	IP 65	IP 65	IP 65
Dimension (H x W x D in mm)	housing	96 x 192 x 95	96 x 192 x 155	96 x 192 x 155	96 x 192 x 155
	panel cut out	91 ^{+0.5} x 187 ^{+0.5}	91 ^{+0.5} x 187 ^{+0.5}	91 ^{+0.5} x 187 ^{+0.5}	91 ^{+0.5} x 187 ^{+0.5}
	packing	300 x 300 x 230	300 x 300 x 230	300 x 300 x 230	300 x 300 x 230
Shipping weight	(net/gross)	1 / 3.2 kg	2 / 4.2 kg	2 / 4.2 kg	0.9 / 1.5 kg

TYPICAL USE OF REMOTE DISPLAYS



ENVIRONMENTAL CONDITIONS

Vibration

acc. to IEC 68-2-6 Test Fc

Static discharge

acc. to IEC 100-4-2

Electromagnetic field

acc. to IEC 100-4-3

26 MHz to 1 GHz

Interference on mains, input/output

acc. to IEC 100-4-4

Radio noise suppression

acc. to EN 55 011

Electrical safety

acc. to IEC 1010-1

Temperature

W&M operation: -10°C to +40°C

Industrial: -10°C to +55°C

Storage: -40°C to +70°C

ORDER NUMBERS

Remote display	PR 1627/00
Remote terminal/display	PR 1628/00
Remote terminal/ display EEX-i	PR 1628/60
Alpha numeric keyboard	PR 1629/60
Options	
TTY-current loop	PR1601/00
RS 232	PR 1602/00
RS 485/422	PR 1604/00