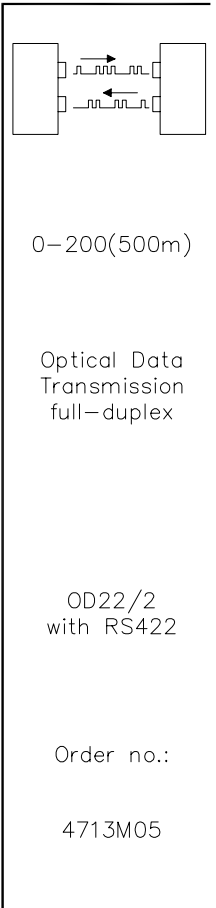
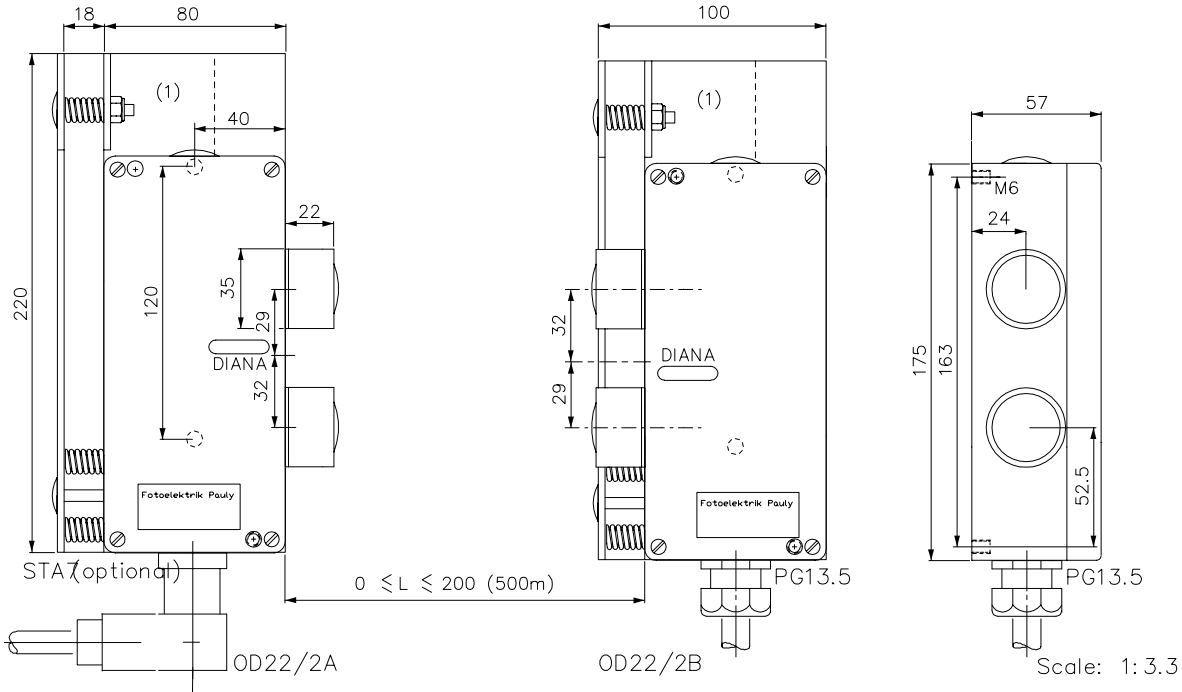


Optical Data Transmission OD22/2 with RS422



Technical Characteristics:

Housing	Al-Cast
Weight	2x approx. 900g
Protection mode	IP65
Connection	2x7-pole terminal strip
Supply	24VDC/180mA DC
Data output	KI3-4 RS422 - output
Data input	KI5-6 RS422 - input with terminal resistor
Data rate b	$0 \leq b \leq 20 \times 10^3$ Baud
Transmitting light	GaAs 880 bzw 950nm, invisible, crystal stabilized
Range	200m, Teleobjectiv(t): 500m
Steady light resistance	>80kLx
Level indicator	DIANA
Dirt check output	from signal reserve ≤ 5 , VK pnp open collector 60mA. s.c.-protected
Operating temperature	-25...+60°C

Special Design:

Connection 6+1-pole plug stA7
 heatprotected Transducersystem, pl
 Teleobjective OD22/2, t
 expanded beam spread angle
 reduced beam spread angle
 Red light transmitter

Accessories:

Adjusting flange R27SH (1)
 Anti dust tubes
 Cooling water flange KW 27
 Diaphragms
 Optical filters

Wiring Instructions

The data inputs and outputs of the OD22/2 conform to the RS422 standard. When installing the shielded data line it is important that this is not installed next to supply and motor lines of frequency converters or similar equipment. Furthermore perfect equipotential bonding, which must have no earth current, must be created between the supply zero of the OD22/2 and the signal earth wire of the interfaces - IC's of the computer or the SPS (internal supply zero potential of the IC's).

E_ 4713 15.TXT

4713 DE M05
 E_ 4713 15
 (22.09.03 gs)
 18.02.05 m.j

$\frac{m}{L}$	$\frac{d}{m}$	Normal-objektiv	Tele-objektiv
10	0.5		0.25
30	1.5		0.75
100	5		2.5
200	10		5
300	(15)		7.5
500	(25)		12.5

Light cone diameter "d" as a function of the distance "L"

