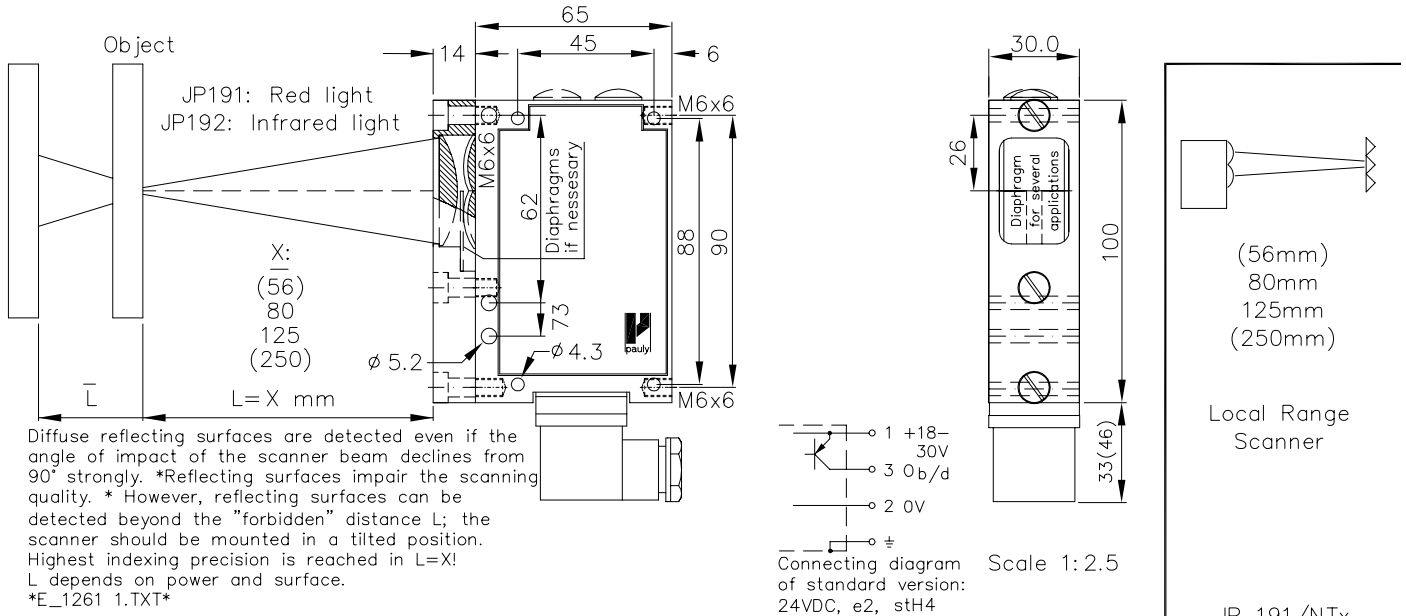


(Infra-)Red-Light Local Range Scanner Types JP191NTx & JP192NTx



Technical Characteristics:

Housing	Al-Cast	Options:	
Weight	approx. 350g	Connection	4 pin Plug stLU4 4+1 pin Plug stA5 6+1 pin Plug stA7 6+1 pin Plug stH7 5+1 wire no.-cable K6 2x3 wire no.-cable 2K3 230V, 115V, 42...48V 24VAC
Protection Mode	IP65	Supply	24...230VDC
Connection	3+1 pin Plug stH4	Output	npn 60mA s.c.-prot., e3 Optocoupler 60V/50mA, e1 Relay 240VAC/5A, 120W/1200VA, 1xCh, R also: 2xe2/2xe3 or antival. e4/e5 "q": <2ms/switch transition "q": 300/s, Relay 10/s 0...10s, switching-on-off-delay, separately adjustable, z10
Supply	24VDC/40mA without load	Access time	
Output	pnp 60mA s.c.-prot., e2	Switching frequency	
Signal mode	bright/dark selectable	Time delay	
Transmitter light	JP191NT: LED 650nm, invisible JP192NT: LED 880nm, invisible	Level indicator	DIANA, i
Steady light resist.	>80kLx	Heat-protected optical system, pl	
Interference Suppressor	forced synchronization	If using cooling water flange, then milled wall, y	
Light beam diameter	approx. 70mm/800mm		
Access time	<12ms/switch transition		
Switching frequency	40/s, Relay: 10/s		
Switch indicator	LED		
Ambient temperatur	-20...+60°C		

Accessories:

Diaphragms, special filters
Adjustment flange JF19H (1)
Elbow tube adjustment AD19SS1
Cooling water flange KW19

Hints:

Selection of bright/dark switching mode is standard. The selection switch can be reached after removing the blanking screw designated 'PG1'. Bright switching means that the output (here the pnp transistor) is operated when the transmitter light is received by the receiver after being reflected by the reflector. The switch indicator LED (green) for the working contact always lights when the output is energised. The on- (Ti) and off- (Ta) delay are optional. Turning the controls behind 'PG2' clockwise increases delay times. The delay time range is between approx. 0 and 10 secs. Other delays are available on request: 1sec, 3secs and 10secs. The level indicator 'DIANA' (Digital ANALog indicator) is optional, too. DIANA shows the level approx. 20 to 25 times above the threshold signal. For proper operation of the light barrier it is not necessary to have all DIANA LEDs on!
E_ 166x 1.TXT

