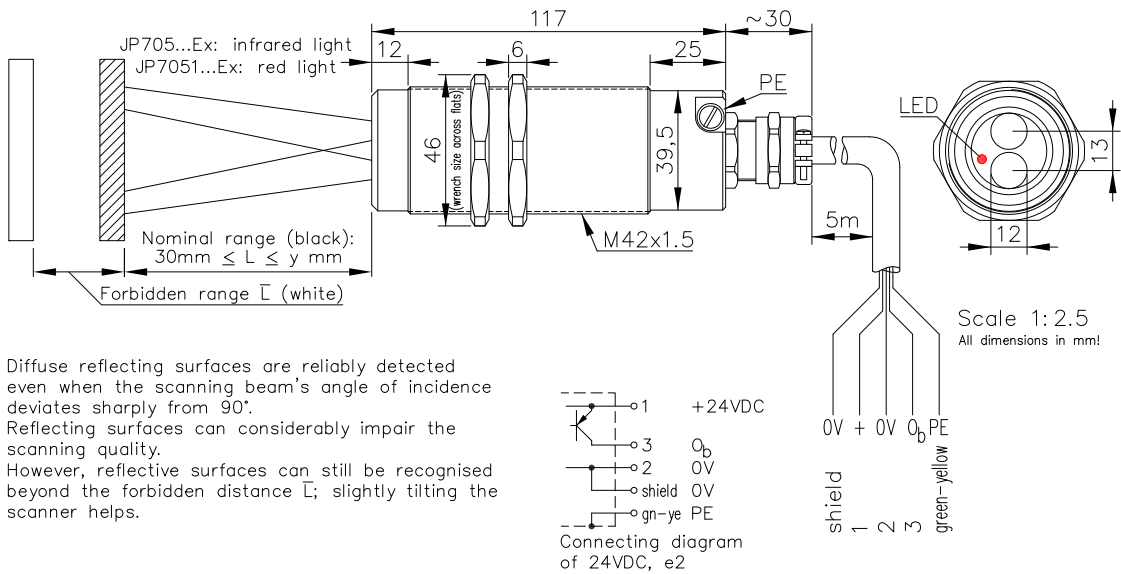
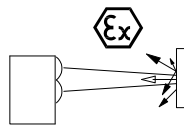


## Reflex-Scanner with passive Background Response Suppression

### Types JP705/yL Ex & JP7051/yL Ex

30...100/200/300mm  
600mm

Reflex-Scanner with passive Background Response Suppression

JP705/yL Ex  
JP7051/yL Ex

Order no.:

4129...  
4129M01...

#### Technical Characteristics:

Housing	VA
Housing dimension	M42x1.5 x ~147mm
Weight	approx. 1500g (incl. 5m cable)
Protection mode	IP66
Ex marking	gas:  II 2G Ex d IIC T6 Gb dust:  II 2D Ex tb IIIC T80°C Db IP66
Certificate No.	ATEX: BVS 08 ATEX E 122 X IECEX: IECEX BVS 12.0029X
Connection	5m No.-cable, 4x0.75mm <sup>2</sup> , shielded
Supply	24VDC/40mA/<1W without load
Output	npn 60mA s.c.-prot., e2
Signal mode	brightswitching
Transmitter light	JP705/yL Ex: LED 850...880nm, invisible JP7051/yL Ex: LED 650nm, visible
Steady light resistance	>80kLx
Interference suppress.	Forced synchronization
Access time	<12ms/Switch transition
Switching rate	~40/s
Switch indicator	LED green
Ambient temperature	-20°C ≤ Ta ≤ +60°C

#### Special design:

Output	npn 60mA s.c.-prot., e3
Signal mode	darkswitching ,d

#### Accessories:

Adjustment flange JFM42, #8664
Elbow tube adjustment ADM42SS1, #8665
Diaphragms, optical filter

#### Scanning ranges:

Type	y	Order no.:	Nominal range L (black)	Forbidden range $\bar{L}$ (white)	Distance of max. power   reserve
JP705/100L Ex		4129A01	approx. 30 ≤ L ≤ 100mm	100...~250mm	approx. 50mm   >100 (black)
JP7051/100L Ex		4129M01A01	approx. 30 ≤ L ≤ 100mm	100...~250mm	approx. 50mm   >100 (black)
JP705/200L Ex		4129A02	approx. 30 ≤ L ≤ 200mm	200...~450mm	approx. 50mm   >100 (black)
JP7051/200L Ex		4129M01A02	approx. 30 ≤ L ≤ 200mm	200...~450mm	approx. 50mm   >100 (black)
JP705/300L Ex		4129A03	approx. 30 ≤ L ≤ 300mm	300...~600mm	approx. 50mm   >100 (black)
JP7051/300L Ex		4129M01A03	approx. 30 ≤ L ≤ 300mm	300...~600mm	approx. 50mm   >100 (black)

4129 DE (24.04.12 tb) 24.08.17 tb  
 E\_4129\_1 (07.05.12 tb)  
 (20.01.10 tb) (16.05.12 tb)  
 (17.02.12 tb) (03.05.13 tb)