



Similar to illustration

Color coding acc. to DIN VDE 47100	25 pins Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0+	2	IN0+
Brown	2	0-	4+1	IN0-
Green	3	1+	8	IN1+
Yellow	4	1-	8+5	IN1-
Grey	5	2+	12	IN2+
Pink	6	2-	14+15	IN2-
Blue	7	3+	16	IN3+
Red	8	3-	18+19	IN3-
Black	9	4+	20	IN4+
Violet	10	4-	22+23	IN4-
Grey-Pink	11	5+	24	IN5+
Red-Blue	12	5-	26+27	IN5-
White-Green	13	6+	30	IN6+
Brown-Green	14	6-	32+33	IN6-
White-Yellow	15	7+	34	IN7+
Yellow-Brown	16	7-	36+37	IN7-
White-Gray	17	IN	NC	NC
Grey-Brown	18	IN	NC	NC
White-Pink	19	IN	NC	NC
Pink-Brown	20	IN	NC	NC
White-Blue	21	IN	NC	NC
Brown-Blue	22	IN	NC	NC
White-Red	23	IN	NC	NC
Brown-Red	24	IN	NC	NC
White-Black	25	IN	NC	NC
Shields				Connected to Sub-D

Notes	
Note	When using more than 10 wires, the maximum current per wire must be reduced to 1 A.

Electrical data	
Inputs/outputs	8 analog inputs; current
Operating voltage	≤ AC/DC 125 V
Current per wire (max.)	2 A

Compatibility	
Rockwell	
Rockwell Control Logix	1756 - IF8H

Connection data	
Cable type	LiYCY
Color code	per DIN VDE 47100
Connection 1	
Connector	D-subminiature female connector
Pole number 1	25
Connection type 1	System
Wire cross-section	0.25 mm²

Connection 2	
Connector 2	Allen Bradley 1756-TBS6H/A
Pole number 2	36
Connection type 2	System



Physical data	
Cable length	3 m

Material Data	
Fire load	0 MJ
Weight	1.1 g

Environmental requirements	
Ambient temperature (operation at U _N)	-20 ... +50 °C

Commercial data	
ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	Box
GTIN	4055143046596

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-4756/404-300	

Documentation

System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 